EVALUATION OF THE INTERLABORATORY COMPARISON TEST

Pesticides according to the drinking water ordinance incl. relevant and non relevant metabolites – PM02

Sample dispatch on 11th September 2018

1st Edition 20th December 2018
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1 Interlaboratory comparison test Pesticides according to the drinking water ordinance – PM02

1.1 Participants and time schedule

- Number of registrations: 26
- Number of submitted data records: 26
- Dispatch of samples: 11th September 2018
- Closing date for submission of data: 16th October 2018

To anonymize results, each laboratory was given a laboratory code on a random basis.

1.2 Sampling, sample material and distribution

The following samples were made available:

- 1 Sample drinking water (PM02 A)
- 1 Sample drinking water (PM02 B)

The sampling of the drinking water was carried out on 10th September 2018.

Both samples were stored at < 4 °C until further processing.

The samples were partly spiked with specific substances and were filled into bottles under continuous stirring to achieve homogeneous samples. The samples were dispatched on 11th September 2018.

Each participant received:

- 2 samples each 3000 ml, filled in a 1000 ml plastic containers and 2 x 1000 ml aluminium bottles or
- 2 samples each 6000 ml, filled in 2 x 1000 ml plastic containers and 4 x 1000 ml aluminium bottles.
1.3 Control testing

During filling the bottles, aliquots of each sample were collected randomly for control testing. Testing was performed close to the time of sample dispatch.

In the parameter-oriented evaluation, the results of the control testing are given in the form of arithmetic means of the detected concentrations as control test ± U.

2 Evaluation

The analytical results had to be made available to the organiser not later than 16th October 2018. Any values received at a later date were not considered. A statistical evaluation of interlaboratory comparison data was only carried out if at least 6 valid results per parameter were available.

To evaluate the data, outliers were detected first by using the outlier test method according to Hampel. Values identified as conspicuous by this test method are marked specifically in the parameter-oriented evaluation.

In justified cases, the outlier elimination is performed according to other criteria. If this is the case, the procedure is documented in section 4 of the report.

Further evaluation was performed in accordance with DIN ISO 5725-2. Results < LOQ or < LOD are not taken into account for calculation.

The adjusted average value (after removal of outliers) for all submitted results was used as a basis for the calculation of recovery rates and z-scores.

z-Score

z-Scores were calculated on the basis of the following formula:

\[ z - \text{score} = \frac{x_i - \overline{X}}{\text{Criteria}} \]

In this context,

- \( x_i \) is the measurement value of the participating laboratory.
- \( \overline{X} \) is the target value, normally the average value of the participants' results after removal of outliers; if this approach is not applicable, the target value is assigned according to the procedure given in section 4;
- \( \text{Criteria} \) is normally the reproducibility standard deviation (sR) calculated from the participants' results (after removal of outliers) in the relevant test round; if this approach is not applicable, the criteria is derived according to the procedure given in section 4.
Interpretation of z-Scores in the parameter-oriented evaluation:

- $|z| < 2$  result: good
- $2 < |z| < 3$  result: questionable
- $|z| > 3$  result: not satisfactory

3 Representation and interpretation of measurement results

The parameter oriented report shows the measurement values including uncertainty, recovery rate, calculated z-Score and the outliers in tabular form. The results listed in the table are also represented graphically.

The laboratory oriented report shows the results of the individual laboratories, including the recovery rates and z-Scores.

An annotation of the tables and graphics is given in section 5.

4 Explanatory notes

As explained in section 2, the z-Score is normally calculated using the reproducibility standard deviation, calculated from the participants’ results (after removal of outliers) in the relevant test round. It might occur that the z-Score between -2 and 2 covers a large range of measurement values when the variance of the results is high. On the other hand, the range of good results can be very narrow, when the variation of the participants' results is small (e.g. Dicamba PM02 A).

The recovery rate is calculated for the individual result based on the target value and is thus independent of the reproducibility standard deviation. In the case of a high variance of the results, participants should also consider recovery rates as additional criteria to decide on the necessity of internal quality assurance measures.

This is particularly recommended for the parameters listed in table 1.
Table 1: Parameters with a reproducibility standard deviation > 25%

<table>
<thead>
<tr>
<th>Pesticides</th>
<th>Relevant metabolites (RM)</th>
<th>Not relevant metabolites (NRM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dieldrin (PM02 A)</td>
<td>3,5,6-Trichloro-2-pyridinol (PM02 B)</td>
<td>Flufenacet oxanilic acid (Flufenacet-OA) (PM02 B)</td>
</tr>
<tr>
<td>Glufosinate (PM02 A)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Heptachlor (PM02 A)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nicosulfuron (PM02 A)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tribenuron-methyl (PM02 A)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Triflusulfuron-methyl (PM02 A)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**In comparison PM01:**

4 parameters with a standard deviation > 25%

3,5,6-Trichloro-2-pyridinol (PM02 B)

**In comparison PM01:**

5 parameters with a standard deviation > 25%

Flufenacet oxanilic acid (Flufenacet-OA) (PM02 B)

Summary

86 different analytes were spiked in at least one out of two drinking water samples at varying concentrations, filled in aluminium bottles and plastic containers of 1000 ml each and dispatched to 26 interlaboratory test participants.

The two new not relevant metabolites Chlorothalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid) and Chlorothalonil sulfonic acid (Chlorothalonil-ESA) were included in PM02. For both parameters a mean value could not be established, due to an insufficient number of feedbacks. The control test value of the proficiency test organizer can be considered as comparative value for internal quality assurance purposes.

Tolylfluanid decomposes rapidly in water (see: [http://sitem.herts.ac.uk/aeru/iupac/Reports/645.htm](http://sitem.herts.ac.uk/aeru/iupac/Reports/645.htm)). Thus, no evaluation can be performed for Tolylfluanid.

In the scope of inspection for PM02 Dimethachlor Metabolite - CGA 373464 (free acid) as well as Dimethachlor Metabolite - CGA 373464 (acetic acid methyl ester) are included, due to the wrong identification of the compound in the Austrian food codex ʿLebensmittelbuch, IV, Auflage Codexkapitel/B1/ Trinkwasserʿ, Dimethachlor metabolite CGA 373464 (see table below). As already indicated in the report of PM01 the wrong CAS number is reported for Dimethachlor metabolite CGA 373464 upon EFSA.
Table 2: Extract from the Austrian food codex

<table>
<thead>
<tr>
<th>No.</th>
<th>Precursor substance (active substance)</th>
<th>parameter for analysis (metabolite)</th>
<th>CAS No, (metabolite)</th>
<th>Classification (relevance)</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>Dimethachlor</td>
<td>CGA 373464</td>
<td>1196157-87-5</td>
<td>relevant metabolite</td>
</tr>
</tbody>
</table>

According to the German Federal Institute for Risk Assessment (BFR), the Dimethachlor metabolite CGA 373464 correctly refers to the acetic acid methyl ester, IUPAC name: [(2,6-dimethyl-phenyl)-methoxycarbonyl-methyl-carbamoyl]-methanesulfonic acid sodium salt. However, the substance [(2,6-Dimethylphenyl)(2-sulfoacetyl)amino]acetic acid sodium salt is cited by CAS No.: 1196157-87-5, which corresponds to the free acid or its sodium salt, respectively.

In Austria the analysis is performed according to the Austrian food codex, which is the determination of the free acid or the corresponding sodium salt. An appropriate information on this issue was already communicated to the relevant Austrian authorities (Codex Commission, BMGF) in course of PM01.

Table 3: Parameters with a low feedback rate

<table>
<thead>
<tr>
<th>Pesticides (PM02 A)</th>
<th>Relevant metabolites (RM)</th>
<th>Not relevant metabolites (NRM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tritosulfuron</td>
<td>Dimethachlor Metabolite CGA 369873 (PM02 B)</td>
<td>Alachlor sulfonic acid (Alachlor-ESA) (PM02 B)</td>
</tr>
<tr>
<td></td>
<td>Dimethachlor Metabolite CGA 373464 (acetic acid methyl ester) (PM02 B)</td>
<td>Azoxystrobin-O-demethyl (CyPM) (PM02 B)</td>
</tr>
<tr>
<td></td>
<td>Dimethachlor Metabolite CGA 373464 (free acid) (PM02 B)</td>
<td>Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid) (PM02 B)</td>
</tr>
</tbody>
</table>

In comparison PM01: 3 parameters with a low feedback rate

<table>
<thead>
<tr>
<th>Pesticides (PM02 A)</th>
<th>Relevant metabolites (RM)</th>
<th>Not relevant metabolites (NRM)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Dimethachlor Metabolite CGA 373464 (PM02 B)</td>
<td>Chlorothalonil sulfonic acid (Chlorothalonil-ESA) (PM02 B)</td>
</tr>
<tr>
<td></td>
<td>s-Metolachlor Metabolite CGA 368208 (PM02 B)</td>
<td>s-Metolachlor Metabolite NOA 413173 (PM02 B)</td>
</tr>
</tbody>
</table>

In comparison PM01: 6 parameters with a low feedback rate

In comparison PM01: 8 parameters with a low feedback rate
For the following parameters no average value could be generated due to a low feedback rate (only a few measurement results were reported by participating laboratories and considered for evaluation). The control test values of the proficiency test organizer can be considered as comparative value for internal quality assurance purposes.

5 Annotations on tables and charts

5.1 Information and abbreviations in tables

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Analyte identifier</td>
<td>Sample identifier</td>
</tr>
<tr>
<td>Sample</td>
<td>Given unit for result and uncertainty (e.g. µg/l)</td>
</tr>
<tr>
<td>Mean</td>
<td>Mean of the participants results, without outliers (3 significant digits)</td>
</tr>
<tr>
<td>CI (99 %)</td>
<td>99% confidence interval (3 significant digits)</td>
</tr>
<tr>
<td>Minimum</td>
<td>Minimum of all submitted results, after removal of outliers (3 significant digits)</td>
</tr>
<tr>
<td>Maximum</td>
<td>Maximum of all submitted results, after removal of outliers (3 significant digits)</td>
</tr>
<tr>
<td>SD</td>
<td>Reproducibility standard deviation, calculated from the participants results, after removal of outliers (3 significant digits)</td>
</tr>
<tr>
<td>RSD %</td>
<td>Reproducibility standard deviation, calculated from the participants results relative to the target value, given in %, after removal of outliers (2 significant digits)</td>
</tr>
<tr>
<td>Control test value ± U</td>
<td>Mean of control test value ± measurement uncertainty (3 significant digits)</td>
</tr>
<tr>
<td>Labcode</td>
<td>Laboratory identifier (anonymized)</td>
</tr>
<tr>
<td>Result</td>
<td>Result as indicated by participant (max. 5 decimal places)</td>
</tr>
<tr>
<td>± U</td>
<td>Results uncertainty as indicated by participant (max. 5 decimal places)</td>
</tr>
<tr>
<td>LOQ</td>
<td>Limit of quantification</td>
</tr>
<tr>
<td>LOD</td>
<td>Limit of detection</td>
</tr>
<tr>
<td>Recovery</td>
<td>Recovery rate in % based on target value (3 significant digits, max. one decimal place given)</td>
</tr>
<tr>
<td>z-Score</td>
<td>Deviation of result based on target value depicted as a multiple of the criteria (3 significant digits, max. 2 decimal places given)</td>
</tr>
<tr>
<td>Comments</td>
<td>Comment on the respective result (e.g. H, FN, FP)</td>
</tr>
<tr>
<td>H</td>
<td>Outlier according to Hampel-Test</td>
</tr>
</tbody>
</table>

No data available
| FN | False negative – for a result < LOQ or result < LOD: The absolute value of the LOQ or LOD fulfils the condition of an outlier according to the Hampel test. |
| FP | False positive – for parameters where no target value is available because of a too low analyte content (n < 6): Result that exceeds the median of the absolute values of the transmitted LOQs or LODs by more than 100 %. |
| Standard deviation | Reproducibility standard deviation, calculated from the participants results (3 significant digits) |
| Rel. standard deviation | Reproducibility standard deviation, calculated from the participants results relative to the target value, given in %, (3 significant digits) |
| n | Number of results |
| Target value | Mean of the participants results, without outliers (3 significant digits) |
| Criteria | Criteria for z-Score calculation (if not otherwise stated in clause 4): The given value matches the reproducibility standard deviation, calculated from the participants’ results, after removal of outliers (3 significant digits). |
5.2 Graphical presentation of results

Example chart: Results

|z-Score| = 2
|z-Score| = 3
Outlier according to the Hampel test ± uncertainty
Result outside displayed area

Confidence interval (95 %) of target value
Mean of participants results, without outliers = target value

Result < LOQ or < LOD, the basis of the triangle is equal to the absolute value of the LOQ or LOD

Example chart: Recovery

|z-Score| = 2
|z-Score| = 3
Result outside displayed area

Recovery rate of laboratory
Confidence interval (95 %) of target value
Target value (100 %)

Result outside displayed area
Example chart: z-score

Example chart: z-score - laboratory oriented report
### Summary of results, after removal of outliers

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Sample</th>
<th>Unit</th>
<th>Number of results for calculation</th>
<th>Number of outliers</th>
<th>Mean    ±  Cl (99%)</th>
<th>Minimum</th>
<th>Maximum</th>
<th>SD</th>
<th>RSD %</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,4-D (2,4-Dichlorophenoxyacetic acid)</td>
<td>PM02 A</td>
<td>µg/l</td>
<td>20</td>
<td>2</td>
<td>0.303 ± 0.022</td>
<td>0.233</td>
<td>0.36</td>
<td>0.0327</td>
<td>11</td>
</tr>
<tr>
<td></td>
<td>PM02 B</td>
<td>µg/l</td>
<td>20</td>
<td>2</td>
<td>0.191 ± 0.0152</td>
<td>0.156</td>
<td>0.253</td>
<td>0.0227</td>
<td>12</td>
</tr>
<tr>
<td>2,6-Dichlorobenzamide</td>
<td>PM02 A</td>
<td>µg/l</td>
<td>20</td>
<td>0</td>
<td>0.883 ± 0.0593</td>
<td>0.707</td>
<td>1.01</td>
<td>0.0884</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>PM02 B</td>
<td>µg/l</td>
<td>19</td>
<td>1</td>
<td>2.53 ± 0.132</td>
<td>2.23</td>
<td>2.97</td>
<td>0.192</td>
<td>7.6</td>
</tr>
<tr>
<td>2-Amino-4-methoxy-6-methyl-1,3,5-triazine</td>
<td>PM02 A</td>
<td>µg/l</td>
<td>4</td>
<td>0</td>
<td>- ±</td>
<td>0.036</td>
<td>0.287</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>PM02 B</td>
<td>µg/l</td>
<td>6</td>
<td>1</td>
<td>0.182 ± 0.0175</td>
<td>0.159</td>
<td>0.199</td>
<td>0.0143</td>
<td>7.8</td>
</tr>
<tr>
<td>3,5,6-Trichloro-2-pyridinol</td>
<td>PM02 A</td>
<td>µg/l</td>
<td>2</td>
<td>0</td>
<td>- ±</td>
<td>0.097</td>
<td>0.099</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>PM02 B</td>
<td>µg/l</td>
<td>6</td>
<td>0</td>
<td>0.406 ± 0.183</td>
<td>0.179</td>
<td>0.627</td>
<td>0.149</td>
<td>37</td>
</tr>
<tr>
<td>Alachlor</td>
<td>PM02 A</td>
<td>µg/l</td>
<td>15</td>
<td>0</td>
<td>0.5 ± 0.0649</td>
<td>0.364</td>
<td>0.66</td>
<td>0.0838</td>
<td>17</td>
</tr>
<tr>
<td></td>
<td>PM02 B</td>
<td>µg/l</td>
<td>1</td>
<td>0</td>
<td>- ±</td>
<td>0.0043</td>
<td>0.0043</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Alachlor-t-sulfonic acid (Alachlor-ESA)</td>
<td>PM02 A</td>
<td>µg/l</td>
<td>0</td>
<td>0</td>
<td>- ±</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>PM02 B</td>
<td>µg/l</td>
<td>5</td>
<td>1</td>
<td>- ±</td>
<td>2.26</td>
<td>3.13</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Alachlor-t-acid (Alachlor-OA)</td>
<td>PM02 A</td>
<td>µg/l</td>
<td>0</td>
<td>0</td>
<td>- ±</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>PM02 B</td>
<td>µg/l</td>
<td>7</td>
<td>1</td>
<td>0.475 ± 0.0605</td>
<td>0.405</td>
<td>0.559</td>
<td>0.0533</td>
<td>11</td>
</tr>
<tr>
<td>Aldrin</td>
<td>PM02 A</td>
<td>µg/l</td>
<td>9</td>
<td>2</td>
<td>0.0379 ± 0.00855</td>
<td>0.03</td>
<td>0.055</td>
<td>0.00855</td>
<td>23</td>
</tr>
<tr>
<td></td>
<td>PM02 B</td>
<td>µg/l</td>
<td>1</td>
<td>0</td>
<td>- ±</td>
<td>0.0022</td>
<td>0.0022</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>AMPA</td>
<td>PM02 A</td>
<td>µg/l</td>
<td>3</td>
<td>0</td>
<td>- ±</td>
<td>0.006</td>
<td>0.227</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>PM02 B</td>
<td>µg/l</td>
<td>11</td>
<td>1</td>
<td>0.715 ± 0.159</td>
<td>0.4</td>
<td>1.04</td>
<td>0.175</td>
<td>25</td>
</tr>
<tr>
<td>Atrazine</td>
<td>PM02 A</td>
<td>µg/l</td>
<td>22</td>
<td>0</td>
<td>0.154 ± 0.00877</td>
<td>0.128</td>
<td>0.178</td>
<td>0.0137</td>
<td>8.9</td>
</tr>
<tr>
<td></td>
<td>PM02 B</td>
<td>µg/l</td>
<td>2</td>
<td>0</td>
<td>- ±</td>
<td>0.003</td>
<td>0.006</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Atrazine-2-hydroxy</td>
<td>PM02 A</td>
<td>µg/l</td>
<td>0</td>
<td>0</td>
<td>- ±</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>PM02 B</td>
<td>µg/l</td>
<td>7</td>
<td>1</td>
<td>1.52 ± 0.174</td>
<td>1.27</td>
<td>1.73</td>
<td>0.153</td>
<td>10</td>
</tr>
<tr>
<td>Atrazine-desethyl</td>
<td>PM02 A</td>
<td>µg/l</td>
<td>2</td>
<td>0</td>
<td>- ±</td>
<td>0.005</td>
<td>0.006</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>PM02 B</td>
<td>µg/l</td>
<td>20</td>
<td>0</td>
<td>0.212 ± 0.0153</td>
<td>0.164</td>
<td>0.272</td>
<td>0.0228</td>
<td>11</td>
</tr>
<tr>
<td>Parameter</td>
<td>Sample</td>
<td>Unit</td>
<td>Number of results for calculation</td>
<td>Number of outliers</td>
<td>Mean</td>
<td>±  Cl (99%)</td>
<td>Minimum</td>
<td>Maximum</td>
<td>SD</td>
</tr>
<tr>
<td>-----------</td>
<td>------------------</td>
<td>----------</td>
<td>----------------------------------</td>
<td>--------------------</td>
<td>------------</td>
<td>-------------</td>
<td>---------</td>
<td>---------</td>
<td>------</td>
</tr>
<tr>
<td>Atrazine-desethyl-desisopropyl</td>
<td>PM02 A</td>
<td>µg/l</td>
<td>1</td>
<td>0</td>
<td>-</td>
<td>±</td>
<td>-</td>
<td>0.014</td>
<td>0.014</td>
</tr>
<tr>
<td></td>
<td>PM02 B</td>
<td>µg/l</td>
<td>7</td>
<td>0</td>
<td>0.872</td>
<td>±</td>
<td>0.204</td>
<td>0.642</td>
<td>1.09</td>
</tr>
<tr>
<td>Atrazine-disisopropyl</td>
<td>PM02 A</td>
<td>µg/l</td>
<td>0</td>
<td>0</td>
<td>-</td>
<td>±</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>PM02 B</td>
<td>µg/l</td>
<td>18</td>
<td>0</td>
<td>0.46</td>
<td>±</td>
<td>0.0348</td>
<td>0.37</td>
<td>0.564</td>
</tr>
<tr>
<td>Azoxystrobin</td>
<td>PM02 A</td>
<td>µg/l</td>
<td>15</td>
<td>0</td>
<td>0.141</td>
<td>±</td>
<td>0.0175</td>
<td>0.095</td>
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### Summary of results, after removal of outliers: Pesticides in Accordance with the Drinking Water Ordinance - PM02

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<th>± Cl (99%)</th>
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<th>Maximum</th>
<th>SD</th>
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### Summary of results, after removal of outliers: Pesticides in Accordance with the Drinking Water Ordinance - PM02

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### Summary of results, after removal of outliers: Pesticides in Accordance with the Drinking Water Ordinance - PM02

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# 7 Parameter oriented report

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## Parameter oriented report

**PM02 A**  
**2,4-D (2,4-Dichlorphenoxyaceticacid)**

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: 2,4-D (2,4-Dichlorophenoxyaceticacid)

Recovery rate

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Recovery rate distribution for different laboratories.
Sample: PM02A, Parameter: 2,4-D (2,4-Dichlorophenoxyacetic acid)
Parameter oriented report

PM02 B

2,4-D (2,4-Dichlorphenoxyaceticacid)

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Characteristics of parameter

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Graphical presentation of results

Results

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[Graphical representation of results]
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02
Sample: PM02B, Parameter: 2,4-D (2,4-Dichlorphenoxyacetic acid)

Recovery rate

Recovery [%]

Laboratory
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: 2,4-D (2,4-Dichlorophenoxyacetic acid)

Z-score

Laboratory

LC0002 - LC0025
**Parameter oriented report**

**PM02 A**

**2,6-Dichlorobenzamide**

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**Characteristics of parameter**

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: 2,6-Dichlorobenzamide

Graphical presentation of results

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Results

Graphical presentation of results
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Sample: PM02A, Parameter: 2,6-Dichlorobenzamide
Sample: PM02A, Parameter: 2,6-Dichlorobenzamide

Z-score

Laboratory
### Parameter oriented report

**PM02 B**

**2,6-Dichlorobenzamide**

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Graphical presentation of results

Results

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H
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: 2,6-Dichlorobenzamide

Recovery rate

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Recovery rate table:

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: 2,6-Dichlorobenzamide

Z-score

Laboratory

LC0003
LC0005
LC0006
LC0007
LC0008
LC0009
LC0010
LC0011
LC0012
LC0015
LC0016
LC0017
LC0018
LC0019
LC0020
LC0021
LC0022
LC0023
LC0024
LC0025
LC0026
### Parameter oriented report

**PM02 A**

2-Amino-4-methoxy-6-methyl-1,3,5-triazine

<table>
<thead>
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<th>µg/l</th>
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<tr>
<td>Mean ± Cl (99%)</td>
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<tr>
<td>Minimum - Maximum</td>
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<tr>
<td>Control test value ± U</td>
<td>&lt;0.05 (LOQ)</td>
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</table>

<table>
<thead>
<tr>
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<th>Result</th>
<th>± U</th>
<th>Recovery [%]</th>
<th>z-score</th>
<th>Comments</th>
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**Characteristics of parameter**

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<th>Unit</th>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: 2-Amino-4-methoxy-6-methyl-1,3,5-triazine

Graphical presentation of results

Results

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Parameter oriented report

PM02 B

2-Amino-4-methoxy-6-methyl-1,3,5-triazine

Unit: µg/l

Mean ± CI (99%) 0.182 ± 0.0175
Minimum - Maximum 0.159 - 0.199
Control test value ± U 0.17 ± 0.0255

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Characteristics of parameter

<table>
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<th>all results</th>
<th>without outliers</th>
<th>Unit</th>
</tr>
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<tbody>
<tr>
<td>Mean ± CI (99%)</td>
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<td>Minimum</td>
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<td>µg/l</td>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02
Sample: PM02B, Parameter: 2-Amino-4-methoxy-6-methyl-1,3,5-triazine

Recovery rate

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<td>LC0022</td>
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Recovery [%]

- 130
- 120
- 110
- 100
- 90
- 80
- 70
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: 2-Amino-4-methoxy-6-methyl-1,3,5-triazine

Laboratory

<table>
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Z-score
Parameter oriented report

3,5,6-Trichloro-2-pyridinol

Unit: µg/l
Mean ± CI (99%) -
Minimum - Maximum 0.097 - 0.099
Control test value ± U <0.025 (LOD)

<table>
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<tr>
<th>Labcode</th>
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Characteristics of parameter

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: 3,5,6-Trichloro-2-pyridinol

Graphical presentation of results

Results

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### Parameter oriented report

**PM02 B**

**3,5,6-Trichloro-2-pyridinol**

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<th>Recovery [%]</th>
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### Characteristics of parameter

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<th>without outliers</th>
<th>Unit</th>
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<td>0.406 ± 0.183</td>
<td>0.406 ± 0.183</td>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: 3,5,6-Trichloro-2-pyridinol

Graphical presentation of results

Results

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: 3,5,6-Trichloro-2-pyridinol

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Recovery rate

Laboratory LC0005, LC0007, LC0010 show recovery rates above 150%.
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02
Sample: PM02B, Parameter: 3,5,6-Trichloro-2-pyridinol

Laboratory

LC0005
LC0007
LC0008
LC0010
LC0016
LC0022

Z-score

0
-1
-2
-3

Z-score
Parameter oriented report

PM02 A

Alachlor

<table>
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<tr>
<th>Labcode</th>
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Characteristics of parameter

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<th>Unit</th>
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<tr>
<td>Mean ± CI (99%)</td>
<td>0.5 ± 0.0649</td>
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<tr>
<td>Minimum</td>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Alachlor

Graphical presentation of results

Results

![Graphical presentation of results](image-url)
Recovery rate

Sample: PM02A, Parameter: Alachlor

Recovery [%]

Laboratory

53/715
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02
Sample: PM02A, Parameter: Alachlor

Z-score

Laboratory

LC0003  LC0004  LC0005  LC0006  LC0007  LC0008  LC0010  LC0011  LC0016  LC0017  LC0019  LC0020  LC0021  LC0022  LC0025
Parameter oriented report

PM02 B

Alachlor

Unit: µg/l

Mean ± CI (99%) -
Minimum - Maximum: 0.0043 - 0.0043
Control test value ± U <0.025 (LOD)

<table>
<thead>
<tr>
<th>Labcode</th>
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<th>± U</th>
<th>Recovery [%]</th>
<th>z-score</th>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Alachlor

Graphical presentation of results

Results

Laboratory
Parameter oriented report

PM02 A

Alachlor-t-sulfonic acid (Alachlor-ESA)

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Characteristics of parameter

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Parameter oriented report

PM02 B

Alachlor-t-sulfonic acid (Alachlor-ESA)

Unit: µg/l
Mean ± CI (99%): -
Minimum - Maximum: 2.26 - 3.13
Control test value ± U: 2.87 ± 0.431

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Characteristics of parameter

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Alachlor-t-sulfonic acid (Alachlor-ESA)

Graphical presentation of results

Results

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Laboratory LC0011 has a unusually high result.
## Parameter oriented report

### PM02 A

**Alachlor-t-acid (Alachlor-OA)**

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Alachlor-t-acid (Alachlor-OA)

Graphical presentation of results

Results

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Laboratory
## Parameter oriented report

### PM02 B

**Alachlor-t-acid (Alachlor-OA)**

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Alachlor-t-acid (Alachlor-OA)

Graphical presentation of results

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The recovery rates are expressed in hectares.
Parameter oriented report

PM02 A

Aldrin

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Characteristics of parameter

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Graphical presentation of results

Results
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Aldrin

Recovery rate

Recovery [%]

Laboratory

LC0004
LC0005
LC0006
LC0007
LC0008
LC0010
LC0011
LC0016
LC0019
LC0022
LC0023
### Parameter oriented report

**PM02 B**

**Aldrin**

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Aldrin

Graphical presentation of results

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Parameter oriented report

PM02 A

AMPA

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Characteristics of parameter

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<th>Unit</th>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: AMPA

Graphical presentation of results

Results

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Laboratory

µg/l
Parameter oriented report

PM02 B

AMPA

Unit µg/l

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<th>Result</th>
<th>± U</th>
<th>Recovery [%]</th>
<th>z-score</th>
<th>Comments</th>
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Characteristics of parameter

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<th>Unit</th>
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<td>Mean ± CI (99%)</td>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: AMPA

Recovery rate

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Recovery rate
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: AMPA

Z-score

Laboratory

LC0003, LC0005, LC0006, LC0007, LC0009, LC0010, LC0011, LC0014, LC0017, LC0019, LC0022, LC0025
Parameter oriented report

PM02 A

Atrazine

Unit: μg/l

Mean ± CI (99%): 0.154 ± 0.00877
Minimum - Maximum: 0.128 - 0.178
Control test value ± U: 0.151 ± 0.0227

<table>
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<tr>
<th>Labcode</th>
<th>Result</th>
<th>± U</th>
<th>Recovery [%]</th>
<th>z-score</th>
<th>Comments</th>
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Characteristics of parameter

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<th>without outliers</th>
<th>Unit</th>
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<td>0.154 ± 0.00877</td>
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Parameter oriented report Pesticides in Accordance with the Drinking Water
Ordinance - PM02
Sample: PM02A, Parameter: Atrazine

Z-score

Laboratory

LC0001 LC0003 LC0005 LC0006 LC0007 LC0008 LC0009 LC0010 LC0011 LC0012 LC0013 LC0015 LC0016 LC0017 LC0018 LC0019 LC0020 LC0021 LC0022 LC0024 LC0025 LC0026

Z-score

0 1 2 3

-3 -2 -1 0 1 2 3

82/715
## Parameter oriented report

**Sample**: PM02B, **Parameter**: Atrazine

### Atrazine

**Unit**: µg/l  
**Mean ± CI (99%)**: -  
**Minimum - Maximum**: 0.003 - 0.006  
**Control test value ± U**: <0.025 (LOD)

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<th>Recovery [%]</th>
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Graphical presentation of results

Results

Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Atrazine
## Parameter oriented report

**PM02 A**

### Atrazine-2-hydroxy

**Unit** \(\mu g/l\)

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Graphical presentation of results

Results
Parameter oriented report

PM02 B

Atrazine-2-hydroxy

Unit µg/l
Mean ± CI (99%) 1.52 ± 0.174
Minimum - Maximum 1.27 - 1.73
Control test value ± U 1.61 ± 0.242

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Characteristics of parameter

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Atrazine-2-hydroxy

Graphical presentation of results

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Atrazine-2-hydroxy

Recovery rate

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Recovery rate range is between 70% and 140%.
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Atrazine-2-hydroxy

Laboratory

LC0005
LC0007
LC0008
LC0009
LC0010
LC0012
LC0022
LC0025

Z-score

3
2
1
0
-1
-2
-3
Z-score
## Parameter oriented report

### PM02 A

**Atrazine-desethyl**

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### Characteristics of parameter

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Graphical presentation of results

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**Parameter oriented report**

**PM02 B**

**Atrazine-desethyl**

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**Characteristics of parameter**

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**Sample:** PM02B, **Parameter:** Atrazine-desethyl
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Atrazine-desethyl

Graphical presentation of results

Results
## Parameter oriented report

### PM02 A

**Atrazine-desethyl-desisopropyl**

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Graphical presentation of results

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Sample: PM02A, Parameter: Atrazine-desethyl-desisopropyl
**Parameter oriented report**

**PM02 B**

**Atrazine-desethyl-desisopropyl**

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**Characteristics of parameter**

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Atrazine-desethyl-desisopropyl

Graphical presentation of results

Results

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Sample: PM02B, Parameter: Atrazine-desethyl-desisopropyl

Recovery rate

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Recovery rate
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Atrazine-desethyl-desisopropyl

z-score
3
2
1
0
-1
-2
-3
Z-score

Laboratory
LC0005
LC0007
LC0008
LC0010
LC0016
LC0022
LC0024

102/715
Parameter oriented report

PM02 A

Atrazine-desisopropyl

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Characteristics of parameter

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Graphical presentation of results

Results

Laboratory
Parameter oriented report

PM02 B

Atrazine-desisopropyl

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Characteristics of parameter

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Atrazine-desisopropyl

Graphical presentation of results

Results

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Atrazine-desisopropyl

Recovery rate

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02
Sample: PM02B, Parameter: Atrazine-desisopropyl

Z-score

Laboratory
**Parameter oriented report**

**PM02 A**

**Azoxystrobin**

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<th>± U</th>
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<th>z-score</th>
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**Characteristics of parameter**

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Azoxystrobin

Recovery rate

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Recovery rate

Laboratory

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Azoxystrobin

Z-score

Laboratory

LC0004  LC0005  LC0007  LC0008  LC0010  LC0012  LC0013  LC0015  LC0016  LC0017  LC0019  LC0021  LC0022  LC0024  LC0025

z-score
3 2 1 0 -1 -2 -3

Z-score
Parameter oriented report

PM02 B

Azoxystrobin

Unit: µg/l

Mean ± CI (99%) -

Minimum - Maximum -

Control test value ± U <0.025 (LOD)

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<th>Result</th>
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Characteristics of parameter

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Graphical presentation of results

Results

![Graphical representation of pesticide levels](image-url)
### Parameter oriented report

**PM02 A**  
**Azoxystrobin-O-demethyl (CyPM)**

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**Characteristics of parameter**

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Azoxystrobin-O-demethyl (CyPM)

Graphical presentation of results

Results

Laboratory LC0005, LC0007, LC0008, LC0022

[Graph showing the results with µg/l on the y-axis and Laboratory on the x-axis]
# Parameter oriented report

**PM02 B**  
**Azoxystrobin-O-demethyl (CyPM)**

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## Characteristics of parameter

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Azoxytrobin-O-demethyl (CyPM)

Graphical presentation of results

Results

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**Parameter oriented report**

Sample: PM02A, Parameter: Bentazone

### Bentazone

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<th>Recovery [%]</th>
<th>z-score</th>
<th>Comments</th>
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**Characteristics of parameter**

<table>
<thead>
<tr>
<th></th>
<th>all results</th>
<th>without outliers</th>
<th>Unit</th>
</tr>
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<tbody>
<tr>
<td>Mean ± CI (99%)</td>
<td>0.091 ± 0.00744</td>
<td>0.091 ± 0.00744</td>
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<tr>
<td>Minimum</td>
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<tr>
<td>Maximum</td>
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<td>µg/l</td>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Bentazone

Graphical presentation of results

Results

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<tr>
<th>Laboratory</th>
<th>µg/l</th>
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<tbody>
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<td>LC0001</td>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Bentazone

Recovery [\%]
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02
Sample: PM02A, Parameter: Bentazone

Z-score

Laboratory

Z-score

122/715
## Parameter oriented report

**PM02 B**  
**Bentazone**

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<th>z-score</th>
<th>Comments</th>
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<tr>
<td>LC0001</td>
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<tr>
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<td>LC0003</td>
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<tr>
<td>LC0004</td>
<td>&lt; 0.01 (LOQ)</td>
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<tr>
<td>LC0005</td>
<td>&lt; 0.02 (LOQ)</td>
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<tr>
<td>LC0006</td>
<td>&lt; 0.02 (LOQ)</td>
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<tr>
<td>LC0007</td>
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<td>&lt; 0.01 (LOQ)</td>
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<td>LC0011</td>
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<td>LC0014</td>
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<td>LC0024</td>
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### Characteristics of parameter

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<th></th>
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<th>without outliers</th>
<th>Unit</th>
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<td>µg/l</td>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Bentazone

Graphical presentation of results

Results

[Graph showing results for different laboratories with bentazone levels in µg/l]
Parameter oriented report

PM02 A

Bromacil

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<tr>
<th>Labcode</th>
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Characteristics of parameter

<table>
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<th></th>
<th>all results</th>
<th>without outliers</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mean ± CI (99%)</td>
<td>0.155 ± 0.0287</td>
<td>0.164 ± 0.0144</td>
<td>µg/l</td>
</tr>
<tr>
<td>Minimum</td>
<td>0.07</td>
<td>0.14</td>
<td>µg/l</td>
</tr>
<tr>
<td>Maximum</td>
<td>0.188</td>
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<tr>
<td>Standard deviation</td>
<td>0.0317</td>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Bromacil

Recovery rate

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<th>Laboratory</th>
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<td>LC0009</td>
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<td>LC0010</td>
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<tr>
<td>90</td>
<td>LC0016</td>
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<td>LC0019</td>
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<tr>
<td>60</td>
<td>LC0021</td>
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Recovery rate range: 60% to 140%
## Parameter oriented report

**PM02 B**

**Bromacil**

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Graphical presentation of results

Results

Laboratory LC0005 LC0007 LC0008 LC0009 LC0010 LC0011 LC0016 LC0019 LC0020 LC0021 LC0022

µg/l

0.10

0.09

0.08

0.07

0.06

0.05

0.04

0.03

0.02

0.01

0.00

130/715
### Parameter oriented report

**PM02 A**

**Chloridazon**

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### Characteristics of parameter

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Graphical presentation of results

Results

Laboratory
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Recovery rate

Recovery [%]

Laboratory

Sample: PM02A, Parameter: Chloridazon
Parameter oriented report

PM02 B

Chloridazon

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<th>± U</th>
<th>Recovery [%]</th>
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Characteristics of parameter

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Graphical presentation of results

Results

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0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00

Laboratory

Sample: PM02B, Parameter: Chloridazon
Parameter oriented report

PM02 A

Chloridazon-desphenyl

Unit: µg/l
Mean ± CI (99%) -
Minimum - Maximum -
Control test value ± U <0.025 (LOD)

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<th>Result</th>
<th>± U</th>
<th>Recovery [%]</th>
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Characteristics of parameter

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Chloridazon-desphenyl

Graphical presentation of results

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Parameter oriented report

PM02 B

Chloridazon-desphenyl

Unit µg/l

Mean ± CI (99%) 3.11 ± 0.194
Minimum - Maximum 2.75 - 3.43
Control test value ± U 3.42 ± 0.513

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<th>Recovery [%]</th>
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Characteristics of parameter

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Chloridazon-desphenyl

Graphical presentation of results

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Graphical presentation of results
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Chloridazon-desphenyl

Recovery rate

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Laboratory: LC0005, LC0007, LC0008, LC0009, LC0010, LC0011, LC0013, LC0015, LC0018, LC0021, LC0022, LC0025
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Chloridazon-desphenyl

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Z-score
Parameter oriented report

PM02 A

Chloridazon-methyl-desphenyl

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Graphical presentation of results

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Parameter oriented report

PM02 B

Chloridazon-methyl-desphenyl

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Graphical presentation of results

Results

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Chloridazon-methyl-desphenyl
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Chloridazon-methyl-desphenyl

Recovery rate

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Laboratory

LC0005 LC0007 LC0008 LC0009 LC0010 LC0011 LC0013 LC0016 LC0018 LC0021 LC0022 LC0025
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02
Sample: PM02B, Parameter: Chloridazon-methyl-desphenyl

Z-score

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H: High
Parameter oriented report

PM02 A

Chlorothalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)

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Characteristics of parameter

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<th>Unit</th>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Chlorothalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)

Graphical presentation of results

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# Parameter oriented report

## PM02 B

Chlorothalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)

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## Characteristics of parameter

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<th>without outliers</th>
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Sample: PM02B, Parameter: Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)

Graphical presentation of results

**Results**

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### Parameter oriented report

**PM02 A**

**Chlorothalonil sulfonic acid (Chlorothalonil-ESA)**

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Chlorothalonil sulfonic acid (Chlorothalonil-ESA)

Graphical presentation of results

Results

[Graph showing the concentration levels for different laboratories.]

Laboratory

LC0005
LC0007
LC0011
LC0018
LC0022
LC0025

Concentration (µg/l)
Parameter oriented report

PM02 B

Chlorothalonil sulfonic acid (Chlorothalonil-ESA)

Unit: µg/l

Mean ± CI (99%) -
Minimum - Maximum 1.76 - 1.93
Control test value ± U 1.74 ± 0.262

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Characteristics of parameter

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155/715
Sample: PM02B, Parameter: Chlorothalonil sulfonic acid (Chlorothalonil-ESA)

Graphical presentation of results

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Graph showing the concentration of Chlorothalonil sulfonic acid across different laboratories.
# Parameter oriented report

**PM02 A**

**Clopyralid**

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**Characteristics of parameter**

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Clopyralid

Graphical presentation of results

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Laboratory
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02
Sample: PM02A, Parameter: Clopyralid

Recovery rate

180
160
140
120
100
80
60
40
20

Laboratory

LC0005   LC0007   LC0008   LC0010   LC0016   LC0017   LC0022   LC0024

Recovery [%]

159/715
## Parameter oriented report

**PM02 B**  
**Clopyralid**

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### Characteristics of parameter

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Graphical presentation of results

Results

Laboratory
## Parameter oriented report

**PM02 A**

**Clothianidin**

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### Characteristics of parameter

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<th>Unit</th>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Clothianidin

Graphical presentation of results

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Graphical representation of results.
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Clothianidin

Recovery rate

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Recovery rate range: 60% to 140%
Parameter oriented report

PM02 B

Clothianidin

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<tr>
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Characteristics of parameter

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<th>Unit</th>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Clothianidin

Graphical presentation of results

Results

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<td>LC0016</td>
<td>0.00</td>
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Graphical representation of the results shows no significant levels of Clothianidin in the samples tested.
### Parameter oriented report

**PM02 A**

**Dicamba**

**Unit** µg/l

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**Dicamba**

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**Characteristics of parameter**

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<th>all results</th>
<th>without outliers</th>
<th>Unit</th>
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<tbody>
<tr>
<td>Mean ± CI (99%)</td>
<td>0.662 ± 0.148</td>
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<tr>
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</table>

- LOQ: Limit of Quantification
- FN: Fail Number
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Dicamba

Graphical presentation of results

Results

<table>
<thead>
<tr>
<th>Laboratory</th>
<th>µg/l</th>
</tr>
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<tbody>
<tr>
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<td>LC0007</td>
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<td>LC0010</td>
<td>0.4</td>
</tr>
<tr>
<td>LC0011</td>
<td>0.3</td>
</tr>
<tr>
<td>LC0012</td>
<td>0.2</td>
</tr>
<tr>
<td>LC0013</td>
<td>0.1</td>
</tr>
<tr>
<td>LC0014</td>
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170/715
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Dicamba

Recovery [%]

<table>
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<th>Laboratory</th>
<th>Recovery</th>
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<tbody>
<tr>
<td>LC0004</td>
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<tr>
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<tr>
<td>LC0007</td>
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<td>LC0009</td>
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<td>90</td>
</tr>
<tr>
<td>LC0016</td>
<td>85</td>
</tr>
</tbody>
</table>

H indicates out of range values.
Parameter oriented report

PM02 B

Dicamba

Unit: µg/l
Mean ± CI (99%): -
Minimum - Maximum: 0.065 - 0.065
Control test value ± U: <0.025 (LOD)

<table>
<thead>
<tr>
<th>Labcode</th>
<th>Result</th>
<th>± U</th>
<th>Recovery [%]</th>
<th>z-score</th>
<th>Comments</th>
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<tbody>
<tr>
<td>LC0001</td>
<td>-</td>
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<td>LC0003</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td></td>
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<tr>
<td>LC0004</td>
<td>&lt; 0.01 (LOQ)</td>
<td>-</td>
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<tr>
<td>LC0005</td>
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<tr>
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<td>-</td>
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</tr>
<tr>
<td>LC0007</td>
<td>&lt; 0.02 (LOQ)</td>
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</tr>
<tr>
<td>LC0008</td>
<td>&lt; 0.03 (LOQ)</td>
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<tr>
<td>LC0009</td>
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<tr>
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<td>-</td>
<td>-</td>
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<tr>
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<tr>
<td>LC0022</td>
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<td>-</td>
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<tr>
<td>LC0023</td>
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<td>-</td>
<td>-</td>
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<tr>
<td>LC0025</td>
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<tr>
<td>LC0026</td>
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Characteristics of parameter

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<th>all results</th>
<th>without outliers</th>
<th>Unit</th>
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<tbody>
<tr>
<td>Mean ± CI (99%)</td>
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<td>µg/l</td>
</tr>
<tr>
<td>Minimum</td>
<td>0.065</td>
<td>0.065</td>
<td>µg/l</td>
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<tr>
<td>Maximum</td>
<td>0.065</td>
<td>0.065</td>
<td>µg/l</td>
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<tr>
<td>Standard deviation</td>
<td>-</td>
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<td>µg/l</td>
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<td>rel. Standard deviation</td>
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<td>%</td>
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</table>
Graphical presentation of results

Results

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<th>µg/l</th>
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### Parameter oriented report

**PM02 A**

**Dichlorprop**

<table>
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<tr>
<th>Labcode</th>
<th>Result</th>
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<th>Recovery [%]</th>
<th>z-score</th>
<th>Comments</th>
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<tr>
<td>LC0001</td>
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<td>-</td>
<td>-</td>
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### Characteristics of parameter

<table>
<thead>
<tr>
<th></th>
<th>all results</th>
<th>without outliers</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mean ± CI (99%)</td>
<td>0.586 ± 0.0731</td>
<td>0.606 ± 0.0444</td>
<td>µg/l</td>
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<tr>
<td>Minimum</td>
<td>0.189</td>
<td>0.452</td>
<td>µg/l</td>
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<tr>
<td>Maximum</td>
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<td>µg/l</td>
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<tr>
<td>Standard deviation</td>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Dichlorprop

Graphical presentation of results

Results

Laboratory
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Dichlorprop

Recovery rate

<table>
<thead>
<tr>
<th>Recovery [%]</th>
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<td>LC0002</td>
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<tr>
<td>120</td>
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<td>110</td>
<td>LC0004</td>
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<tr>
<td>100</td>
<td>LC0005</td>
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<tr>
<td>90</td>
<td>LC0006</td>
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<tr>
<td>80</td>
<td>LC0007</td>
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<td>70</td>
<td>LC0008</td>
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<tr>
<td>60</td>
<td>LC0009</td>
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</table>

Recovery rate
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Dichlorprop

Z-score

Laboratory
Parameter oriented report

PM02 B

Dichlorprop

Unit: µg/l
Mean ± CI (99%): 0.222 ± 0.0162
Minimum - Maximum: 0.173 - 0.266
Control test value ± U: 0.228 ± 0.0341

<table>
<thead>
<tr>
<th>Labcode</th>
<th>Result</th>
<th>± U</th>
<th>Recovery [%]</th>
<th>z-score</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC0001</td>
<td>0.214</td>
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Characteristics of parameter

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<th>without outliers</th>
<th>Unit</th>
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<tbody>
<tr>
<td>Mean ± CI (99%)</td>
<td>0.23 ± 0.0463</td>
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<tr>
<td>Minimum</td>
<td>0.068</td>
<td>0.173</td>
<td>µg/l</td>
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<tr>
<td>Maximum</td>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Graphical presentation of results

Results

Laboratory

180/715
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Dichlorprop

Recovery rate

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<th>120</th>
<th>110</th>
<th>100</th>
<th>90</th>
<th>80</th>
<th>70</th>
<th>60</th>
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<td>LC0002</td>
<td>LC0004</td>
<td>LC0005</td>
<td>LC0006</td>
<td>LC0007</td>
<td>LC0008</td>
<td>LC0010</td>
<td>LC0011</td>
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Recovery rate graph showing recovery percentages for each laboratory sample.
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Dichlorprop

Z-score

Laboratory

182/715
## Parameter oriented report

### PM02 A

**Parameter:** Dieldrin

**Unit:** µg/l

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<th>z-score</th>
<th>Comments</th>
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### Characteristics of parameter

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<tr>
<th></th>
<th>all results</th>
<th>without outliers</th>
<th>Unit</th>
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<tbody>
<tr>
<td>Mean ± Cl (99%)</td>
<td>0.066 ± 0.0227</td>
<td>0.06 ± 0.0154</td>
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<td>Maximum</td>
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Graphical presentation of results

Results
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Dieldrin

Recovery rate

Recovery [%]

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<td>175</td>
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<td>125</td>
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<td>100</td>
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<td>75</td>
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<td>LC0022</td>
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Recovery rate

185/715
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Dieldrin

Z-score

Laboratory

186/715
## Parameter oriented report

**PM02 B**

**Dieldrin**

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<th>Result</th>
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<td>LC0003</td>
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<tr>
<td>LC0004</td>
<td>&lt; 0.005 (LOQ)</td>
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<tr>
<td>LC0005</td>
<td>&lt; 0.01 (LOQ)</td>
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### Characteristics of parameter

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<th>without outliers</th>
<th>Unit</th>
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<tbody>
<tr>
<td>Mean ± CI (99%)</td>
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<td>-</td>
<td>µg/l</td>
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<tr>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Dieldrin

Graphical presentation of results

Results
# Parameter oriented report

**PM02 A**

**Dimethachlor**

<table>
<thead>
<tr>
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<th>Recovery [%]</th>
<th>z-score</th>
<th>Comments</th>
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## Characteristics of parameter

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<tr>
<th></th>
<th>all results</th>
<th>without outliers</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
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<td>0.432 ± 0.0351</td>
<td>0.432 ± 0.0351</td>
<td>µg/l</td>
</tr>
<tr>
<td>Minimum</td>
<td>0.369</td>
<td>0.369</td>
<td>µg/l</td>
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<tr>
<td>Maximum</td>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Dimethachlor

Graphical presentation of results

Results

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Dimethachlor

Z-score

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192/715
### Parameter oriented report

**PM02 B**

**Dimethachlor**

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#### Characteristics of parameter

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Graphical presentation of results

Results

Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Dimethachlor

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Parameter oriented report

PM02 A

Dimethachlor ethane sulfonic acid (CGA 354742, Dimethachlor-ESA)

Unit: µg/l
Mean ± CI (99%): -
Minimum - Maximum: -
Control test value ± U: <0.025 (LOD)

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Characteristics of parameter

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<th>Unit</th>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Dimethachlor ethane sulfonic acid (CGA 354742, Dimethachlor-ESA)

Graphical presentation of results

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## Parameter oriented report

### PM02 B

**Dimethachlor ethane sulfonic acid (CGA 354742, Dimethachlor-ESA)**

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**Characteristics of parameter**

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<th>Unit</th>
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<td>0.462 ± 0.0516</td>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Dimethachlor ethane sulfonic acid (CGA 354742, Dimethachlor-ESA)

Graphical presentation of results

Results

<table>
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Note: The graphical presentation shows the results of the analysis across different laboratories.
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Dimethachlor ethane sulfonic acid (CGA 354742, Dimethachlor-ESA)

Recovery rate

Recovery [%]

Laboratory

199/715
Sample: PM02B, Parameter: Dimethachlor ethane sulfonic acid (CGA 354742, Dimethachlor-ESA)

Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Z-score

Laboratory

LC0005
LC0007
LC0008
LC0010
LC0011
LC0016
LC0018
LC0022
LC0025

z-score

3
2
1
0
-1
-2
-3

Z-score

200/715
## Parameter oriented report

**PM02 A**

*Dimethachlor oxalamic acid (CGA 50266, Dimethachlor-OA)*

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<tr>
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<th>Result</th>
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<th>Recovery [%]</th>
<th>z-score</th>
<th>Comments</th>
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### Characteristics of parameter

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Dimethachlor oxalamic acid (CGA 50266, Dimethachlor-OA)

Graphical presentation of results

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**Parameter oriented report**

**PM02 B**

**Dimethachlor oxalamic acid (CGA 50266, Dimethachlor-OA)**

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**Characteristics of parameter**

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<th>all results</th>
<th>without outliers</th>
<th>Unit</th>
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<tbody>
<tr>
<td>Mean ± CI (99%)</td>
<td>0.199 ± 0.0815</td>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Dimethachlor oxalamic acid (CGA 50266, Dimethachlor-OA)

Graphical presentation of results

Results

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Dimethachlor oxalamic acid (CGA 50266, Dimethachlor-OA)

Recovery rate
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Dimethachlor oxalamic acid (CGA 50266, Dimethachlor-OA)

Laboratory
LC0005
LC0007
LC0008
LC0010
LC0011
LC0016
LC0018
LC0022
LC0025

Z-score
3
2
1
0
-1
-2
-3
Z-score

206/715
**Parameter oriented report**

PM02 A

**Dimethachlor Metabolite - CGA 369873**

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<th>Labcode</th>
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**Characteristics of parameter**

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<th>without outliers</th>
<th>Unit</th>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Dimethachlor Metabolite - CGA 369873

Graphical presentation of results

Results

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Parameter oriented report

PM02 B

Dimethachlor Metabolite - CGA 369873

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<th>Recovery [%]</th>
<th>z-score</th>
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Characteristics of parameter

<table>
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<tr>
<th>all results</th>
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<th>Unit</th>
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<td>Mean ± CI (99%)</td>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Dimethachlor Metabolite - CGA 369873

Graphical presentation of results

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# Parameter oriented report

**PM02 A**

**Dimethachlor Metabolite - CGA 373464 (acetic acid methyl ester)**

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<th>Result</th>
<th>± U</th>
<th>Recovery [%]</th>
<th>z-score</th>
<th>Comments</th>
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## Characteristics of parameter

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<th>Unit</th>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Dimethachlor Metabolite - CGA 373464 (acetic acid methyl ester)

Graphical presentation of results

Results

[Graph showing results with values ranging from 0.000 to 0.030 µg/l]
Parameter oriented report

PM02 B

Dimethachlor Metabolite - CGA 373464 (acetic acid methyl ester)

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Characteristics of parameter

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<th>without outliers</th>
<th>Unit</th>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Dimethachlor Metabolite - CGA 373464 (acetic acid methyl ester)

Graphical presentation of results

Results

[Graphical representation of results]

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Parameter oriented report

PM02 A

Dimethachlor Metabolite - CGA 373464 (free acid)

<table>
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<th>Result</th>
<th>± U</th>
<th>Recovery [%]</th>
<th>z-score</th>
<th>Comments</th>
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Characteristics of parameter

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Graphical presentation of results

Results

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Parameter oriented report

PM02 B

Dimethachlor Metabolite - CGA 373464 (free acid)

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<th>Result</th>
<th>± U</th>
<th>Recovery [%]</th>
<th>z-score</th>
<th>Comments</th>
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Characteristics of parameter

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<th>Unit</th>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Dimethachlor Metabolite - CGA 373464 (free acid)

Laboratory

LC0004
LC0007
µg/l
0.8
0.7
0.6
0.5
0.4
0.3
0.2

Graphical presentation of results

Results
**Parameter oriented report**

**PM02 A**

**Dimethenamide**

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<th>z-score</th>
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**Characteristics of parameter**

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Dimethenamide

Recovery rate

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Laboratory
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Dimethenamide

Z-score

Laboratory
# Parameter oriented report

**PM02 B**

Dimethenamide

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## Characteristics of parameter

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Graphical presentation of results
Results

Laboratory

µg/l
Parameter oriented report

PM02 A

Dimethenamid-P-sulfonic acid (Dimethenamid-ESA)

Unit: µg/l
Mean ± CI (99%): -
Minimum - Maximum: -
Control test value ± U: <0.025 (LOD)

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<th>Recovery [%]</th>
<th>z-score</th>
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Characteristics of parameter

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<th>Unit</th>
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Sample: PM02A, Parameter: Dimethenamid-P-sulfonic acid (Dimethenamid-ESA)

Graphical presentation of results

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**Parameter oriented report**

**PM02 B**

**Dimethenamid-P-sulfonic acid (Dimethenamid-ESA)**

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**Characteristics of parameter**

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<th>Unit</th>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Dimethenamid-P-sulfonic acid (Dimethenamid-ESA)

Graphical presentation of results

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Laboratory LC0025 is not included in the results.
 Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Dimethenamid-P-sulfonic acid (Dimethenamid-ESA)

Recovery rate

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Laboratory:
- LC0005
- LC0007
- LC0008
- LC0010
- LC0011
- LC0013
- LC0018
- LC0022
- LC0025
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Dimethenamid-P-sulfonic acid (Dimethenamid-ESA)

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Graphical representation of Z-scores for different laboratories.
Parameter oriented report

**PM02 A**

**Dimethenamid-P-acid (Dimethenamid-OA)**

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**Characteristics of parameter**

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Dimethenamid-P-acid (Dimethenamid-OA)

Graphical presentation of results

Results

![Graphical presentation of results](image-url)
**Parameter oriented report**

**PM02 B**

**Dimethenamid-P-acid (Dimethenamid-OA)**

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<th>Recovery [%]</th>
<th>z-score</th>
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**Characteristics of parameter**

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<th>Unit</th>
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<tr>
<td>Mean ± CI (99%)</td>
<td>0.323 ± 0.154</td>
<td>0.371 ± 0.0703</td>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Graphical presentation of results

Results

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<tr>
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<td>LC0007</td>
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<td>LC0022</td>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Dimethenamid-P-acid (Dimethenamid-OA)

Recovery rate

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<td>LC0005</td>
<td>90</td>
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<td>LC0009</td>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Dimethenamid-P-acid (Dimethenamid-OA)

Laboratory
LC0005
LC0007
LC0008
LC0009
LC0010
LC0011
LC0022

z-score
3
2
1
0
-1
-2
-3

Z-score
### Parameter oriented report

**PM02 A**

**Diuron**

<table>
<thead>
<tr>
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<tbody>
<tr>
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<td>0.295 ± 0.0188</td>
</tr>
<tr>
<td>Minimum - Maximum</td>
<td>0.234 - 0.332</td>
</tr>
<tr>
<td>Control test value ± U</td>
<td>0.285 ± 0.0427</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Labcode</th>
<th>Result</th>
<th>± U</th>
<th>Recovery [%]</th>
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<th>Comments</th>
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### Characteristics of parameter

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<th></th>
<th>all results</th>
<th>without outliers</th>
<th>Unit</th>
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<tr>
<td>Mean ± CI (99%)</td>
<td>0.286 ± 0.033</td>
<td>0.295 ± 0.0188</td>
<td>µg/l</td>
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<td>µg/l</td>
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<tr>
<td>Maximum</td>
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<td>0.332</td>
<td>µg/l</td>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Diuron

Graphical presentation of results

Results
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Diuron

Recovery rate

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Diuron

Z-score

Laboratory

240/715
# Parameter oriented report

**PM02 B**

**Diuron**

<table>
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<tr>
<th>Labcode</th>
<th>Result</th>
<th>± U</th>
<th>Recovery [%]</th>
<th>z-score</th>
<th>Comments</th>
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<td>LC0001</td>
<td>-</td>
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<td>-</td>
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</tr>
<tr>
<td>LC0002</td>
<td>&lt; 0.01 (LOQ)</td>
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</tr>
<tr>
<td>LC0005</td>
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</tr>
<tr>
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</tr>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Graphical presentation of results

Results

Laboratory

LC0002 LC0003 LC0004 LC0005 LC0006 LC0007 LC0008 LC0009 LC0010 LC0011 LC0012 LC0013 LC0014 LC0015 LC0016 LC0017 LC0018 LC0019 LC0020 LC0021 LC0022 LC0023 LC0024 LC0025 LC0026

0.10
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00

µg/l
Parameter oriented report

Ethofumesate

Unit: µg/l
Mean ± CI (99%) 0.153 ± 0.0132
Minimum - Maximum 0.127 - 0.179
Control test value ± U 0.172 ± 0.0258

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Characteristics of parameter

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### Graphical Presentation of Results

The graphical presentation illustrates the measured concentrations of Ethofumesate for each laboratory sample. The green shaded area represents the acceptable concentration limit, while the red line indicates the detection limit. The blue bars show individual results for each laboratory sample, with the height indicating the concentration level.

**Sample:** PM02A, **Parameter:** Ethofumesate
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Ethofumesate

Recovery rate

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Recovery rate range: [60, 140]
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02
Sample: PM02A, Parameter: Ethofumesate

Z-score

Laboratory

H

Z-score

246/715
## Parameter oriented report

### PM02 B

**Ethofumesate**

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Graphical presentation of results

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### Parameter oriented report

**PM02A**

**Flufenacet**

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Graphical presentation of results

Results

- Sample: PM02A, Parameter: Flufenacet

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H
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Flufenacet

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Recovery rate
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02
Sample: PM02A, Parameter: Flufenacet

Z-score

Laboratory

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Z-score

Laboratory

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Parameter oriented report

PM02 B
Flufenacet

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Characteristics of parameter

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Graphical presentation of results

Results
Parameter oriented report

**PM02 A**

Flufenacet sulfonic acid (Flufenacet-ESA)

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**Characteristics of parameter**

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Flufenacet sulfonic acid (Flufenacet-ESA)

Graphical presentation of results

Results

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<td>LC0010</td>
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Parameter oriented report

PM02 B

Flufenacet sulfonic acid (Flufenacet-ESA)

Unit: µg/l

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<th>Result</th>
<th>± U</th>
<th>Recovery [%]</th>
<th>z-score</th>
<th>Comments</th>
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Characteristics of parameter

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<th>all results</th>
<th>without outliers</th>
<th>Unit</th>
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<tbody>
<tr>
<td>Mean ± Cl (99%)</td>
<td>0.883 ± 0.308</td>
<td>0.8 ± 0.215</td>
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<td>Minimum</td>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02, Parameter: Flufenacet sulfonic acid (Flufenacet-ESA)

Graphical presentation of results

Results

[Graph showing results for different laboratories]
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Flufenacet sulfonic acid (Flufenacet-ESA)

Recovery rate

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<th>Recovery [%]</th>
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<td>LC0021</td>
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<tr>
<td>LC0022</td>
<td>180</td>
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</table>

Recovery rate:

- LC0005: 715/259
- LC0007: 259/715
- LC0008: 140/259
- LC0010: 120/259
- LC0011: 100/259
- LC0021: 160/259
- LC0022: 180/259
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Flufenacet sulfonic acid (Flufenacet-ESA)

Laboratory
LC0005
LC0007
LC0008
LC0010
LC0011
LC0021
LC0022

Z-score
3
2
1
0
-1
-2
-3

260/715
Parameter oriented report

PM02 A

Flufenacet oxanilic acid (Flufenacet-OA)

Unit: µg/l
Mean ± CI (99%): -
Minimum - Maximum: -
Control test value ± U: <0.025 (LOD)

<table>
<thead>
<tr>
<th>Labcode</th>
<th>Result</th>
<th>± U</th>
<th>Recovery [%]</th>
<th>z-score</th>
<th>Comments</th>
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Characteristics of parameter

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<th>Unit</th>
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Graphical presentation of results

Results

Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Flufenacet oxanilic acid (Flufenacet-OA)

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Parameter oriented report

PM02 B

Flufenacet oxanilic acid (Flufenacet-OA)

Unit \( \mu g/l \)

Mean ± CI (99%) \( 0.191 \pm 0.0874 \)

Minimum - Maximum \( 0.039 - 0.275 \)

Control test value ± U \( 0.237 \pm 0.0355 \)

<table>
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<tr>
<th>Labcode</th>
<th>Result</th>
<th>± U</th>
<th>Recovery [%]</th>
<th>z-score</th>
<th>Comments</th>
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Characteristics of parameter

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<th>without outliers</th>
<th>Unit</th>
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<tbody>
<tr>
<td>Mean ± CI (99%)</td>
<td>0.191 ± 0.0874</td>
<td>0.191 ± 0.0874</td>
<td>( \mu g/l )</td>
</tr>
<tr>
<td>Minimum</td>
<td>0.039</td>
<td>0.039</td>
<td>( \mu g/l )</td>
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<tr>
<td>Maximum</td>
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<td>( \mu g/l )</td>
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<td>( \mu g/l )</td>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Flufenacet oxanilic acid (Flufenacet-OA)

Recovery rate

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Recovery rate graph showing the recovery percentages for each laboratory.
Sample: PM02B, Parameter: Flufenacet oxanilic acid (Flufenacet-OA)
Parameter oriented report

PM02 A

Glufosinate

Unit µg/l

Mean ± CI (99%) 0.148 ± 0.0493
Minimum - Maximum 0.088 - 0.215
Control test value ± U 0.114 ± 0.0343

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Characteristics of parameter

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<tr>
<td>Mean ± CI (99%)</td>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Glufosinate

Graphical presentation of results

Results

Laboratory

µg/l
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Glufosinate

Laboratory

LC0005
LC0006
LC0007
LC0008
LC0009
LC0010
LC0014
LC0025

z-score

3
2
1
0
-1
-2
-3

Z-score

270/715
Parameter oriented report

PM02 B

Glufosinate

Unit: µg/l
Mean ± CI (99%): -
Minimum - Maximum: -
Control test value ± U: <0.03 (LOD)

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Characteristics of parameter

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<th>Unit</th>
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<tbody>
<tr>
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<td>µg/l</td>
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<tr>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Graphical presentation of results

Results

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<th>LC0008</th>
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Parameter oriented report

PM02 A

Glyphosate

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<th>Recovery [%]</th>
<th>z-score</th>
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Characteristics of parameter

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<tr>
<th></th>
<th>all results</th>
<th>without outliers</th>
<th>Unit</th>
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<td>0.5 ± 0.406</td>
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<td>%</td>
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Graphical presentation of results

Results

[Graph with data points and error bars showing the range of glyphosate concentrations in various laboratories.]

Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02
Sample: PM02A, Parameter: Glyphosate
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Glyphosate

Z-score

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276/715
Parameter oriented report

PM02 B

Glyphosate

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Characteristics of parameter

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Glyphosate

Graphical presentation of results

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Graphical presentation of results
Parameter oriented report

PM02 A

Heptachlor

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Characteristics of parameter

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Graphical presentation of results

Results

Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Heptachlor

µg/l

0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00

Laboratory

LC0004
LC0005
LC0006
LC0007
LC0008
LC0010
LC0011
LC0016
LC0019
LC0021
LC0023
# Parameter oriented report

## PM02 B

### Heptachlor

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Heptachlor

Graphical presentation of results

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Parameter oriented report

PM02 A

Heptachlor epoxid

Unit μg/l

Mean ± Cl (99%) -
Minimum - Maximum 0.018 - 0.037
Control test value ± U <0.0025 (LOD)

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<th>Recovery [%]</th>
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Characteristics of parameter

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### Parameter oriented report

**PM02 B**

**Heptachlor epoxid**

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**Characteristics of parameter**

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Graphical presentation of results

Results

Laboratory
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Heptachlor epoxid

Recovery rate

Laboratory LC0004 LC0005 LC0006 LC0007 LC0008 LC0009 LC0010 LC0011 LC0012 LC0013 LC0014 LC0015

Recovery [%]

140
130
120
110
100
90
80
70
60

Recovery rate

289/715

Sample: PM02B, Parameter: Heptachlor epoxid
Sample: PM02B, Parameter: Heptachlor epoxid

Laboratory

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Parameter oriented report

PM02 A

Hexazinone

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Hexazinone

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Laboratory

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Hexazinone

Z-score

Laboratory

294/715
## Parameter oriented report

### PM02 B

**Hexazinone**

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Graphical presentation of results

Results

Laboratory

LC0005 LC0006 LC0007 LC0008 LC0009 LC0010 LC0011 LC0013 LC0015 LC0016 LC0017 LC0018 LC0020 LC0021 LC0022 LC0026
Parameter oriented report

PM02 A

Imidacloprid

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Characteristics of parameter

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Imidacloprid

Graphical presentation of results

Results
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Imidacloprid

Recovery rate

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Recovery rate graph showing the recovery rates for different laboratories.
Parameter oriented report

PM02 B

Imidacloprid

Unit: µg/l
Mean ± CI (99%): -
Minimum - Maximum: -
Control test value ± U: <0.025 (LOD)

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<th>Recovery [%]</th>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Imidacloprid

Graphical presentation of results

Results

Laboratory
Parameter oriented report

PM02 A

Iodosulfuron-methyl

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Characteristics of parameter

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<td>Minimum</td>
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<tr>
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Graphical presentation of results

Results
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Iodosulfuron-methyl

Recovery rate

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Recovery rate
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Iodosulfuron-methyl

z-score

Z-score

Laboratory
### Parameter oriented report

**PM02 B**

Iodosulfuron-methyl

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<td>LC0005</td>
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**Characteristics of parameter**

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<tr>
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<td>µg/l</td>
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<td>Standard deviation</td>
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Graphical presentation of results

Results

Laboratory
Parameter oriented report

PM02 A

Isoproturon

Unit: µg/l
Mean ± CI (99%) 0.301 ± 0.0199
Minimum - Maximum 0.249 - 0.358
Control test value ± U 0.302 ± 0.0454

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Characteristics of parameter

<table>
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<th>Unit</th>
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<tbody>
<tr>
<td>Mean ± CI (99%)</td>
<td>0.292 ± 0.0346</td>
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<td>Minimum</td>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Isoproturon

Graphical presentation of results

Results
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Isoproturon

Z-score

Laboratory

312/715
**Parameter oriented report**

**PM02 B**

**Isoproturon**

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<th>Recovery [%]</th>
<th>z-score</th>
<th>Comments</th>
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<tr>
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**Characteristics of parameter**

<table>
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<th>without outliers</th>
<th>Unit</th>
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Graphical presentation of results

Results

[Graph showing the concentration levels of Isoproturon in different laboratories.]
**Parameter oriented report**

**PM02 A**

**Isoproturon-desmethyl**

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<th>± U</th>
<th>Recovery [%]</th>
<th>z-score</th>
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**Characteristics of parameter**

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Isoproturon-desmethyl

Graphical presentation of results

Results

Laboratory

µg/l

0.10
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00

LC0006 LC0007 LC0008 LC0009 LC0010 LC0016 LC0022
Parameter oriented report

PM02 B

Isoproturon-desmethyl

Unit: µg/l

Mean ± CI (99%) 0.147 ± 0.0118
Minimum - Maximum 0.131 - 0.16
Control test value ± U 0.128 ± 0.0193

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Characteristics of parameter

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Isoproturon-desmethyl

Graphical presentation of results

Results

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02
Sample: PM02A, Parameter: MCPA

MCPA

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### Labcode Results

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### Characteristics of Parameter

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: MCPA

Graphical presentation of results

Results

![Graphical presentation of results](image-url)
## Parameter oriented report

### PM02 B

**MCPA**

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### Characteristics of parameter

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: MCPA

Graphical presentation of results

Results

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Laboratory
## Parameter oriented report

**PM02 A**  
**MCPB**

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: MCPB

Graphical presentation of results

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## Parameter oriented report

**PM02 B**

### MCPB

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### Characteristics of parameter

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<th>Unit</th>
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Graphical presentation of results

Results

Laboratory
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: MCPB

Recovery rate

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H

Recovery rate
Parameter oriented report

PM02 A

MCPP (Mecoprop)

Unit: µg/l

Mean ± CI (99%) 0.118 ± 0.00973
Minimum - Maximum 0.091 - 0.15
Control test value ± U 0.115 ± 0.0173

<table>
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<tr>
<th>Labcode</th>
<th>Result</th>
<th>± U</th>
<th>Recovery [%]</th>
<th>z-score</th>
<th>Comments</th>
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Characteristics of parameter

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<th>Unit</th>
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<td>Minimum</td>
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<tr>
<td>Maximum</td>
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Sample: PM02A, Parameter: MCPP (Mecoprop)

Graphical presentation of results

Results
Recovery rate

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Laboratory

Sample: PM02A, Parameter: MCPP (Mecoprop)
## Parameter oriented report

**PM02 B**

**MCPP (Mecoprop)**

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<tr>
<td>LC0005</td>
<td>&lt; 0.02 (LOQ)</td>
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<tr>
<td>LC0007</td>
<td>&lt; 0.02 (LOQ)</td>
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<tr>
<td>LC0008</td>
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### Characteristics of parameter

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<tr>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Graphical presentation of results

Results

[Graph showing results with values from 0.00 to 0.10 µg/l in increments of 0.05, with sample codes LC0001 to LC0025 on the x-axis and values on the y-axis.]
Parameter oriented report

PM02 A

Mesosulfuron-methyl

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Characteristics of parameter

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Mesosulfuron-methyl

Graphical presentation of results

Results

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Graphical representation showing the results for the different laboratories.
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Mesosulfuron-methyl

Laboratory

z-score

3
2
1
0
-1
-2
-3

Z-score

342/715
## Parameter oriented report

**PM02 B**

**Mesosulfuron-methyl**

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### Characteristics of parameter

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<th>Unit</th>
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<tr>
<td>Mean ± CI (99%)</td>
<td>-</td>
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<td>µg/l</td>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Mesosulfuron-methyl

Graphical presentation of results

Results

Laboratory
Parameter oriented report

PM02 A

Metalaxyl

<table>
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Characteristics of parameter

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Sample: PM02A, Parameter: Metalaxyl

Graphical presentation of results

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Metalaxyl

Recovery rate

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Recovery rate range: 60 to 140%
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Metalaxyl

Z-score

Laboratory

Z-score

348/715
Parameter oriented report

PM02 B

Metalaxyl

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Characteristics of parameter

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Metalaxyl

Graphical presentation of results

Results

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\text{LC0005} & : 0.08 \\
\text{LC0007} & : 0.07 \\
\text{LC0008} & : 0.06 \\
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\end{align*} \]
Parameter oriented report

PM02 A

Metamitron

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Characteristics of parameter

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Graphical presentation of results

Results

Laboratory
Recovery rate

Laboratory
### Parameter oriented report

**Sample: PM02B, Parameter: Metamitron**

#### Metamitron

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#### Characteristics of parameter

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<th>without outliers</th>
<th>Unit</th>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Metamitron

Z-score

Laboratory
Parameter oriented report

PM02 A

Metazachlor

Unit µg/l

Mean ± CI (99%) 0.26 ± 0.00676
Minimum - Maximum 0.241 - 0.274
Control test value ± U 0.264 ± 0.0397

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Sample: PM02A, Parameter: Metazachlor

Graphical presentation of results

Results
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Metazachlor

Recovery rate

Recovery [%]

115
110
105
100
95
90
85

Laboratory

LC0001 LC0002 LC0004 LC0007 LC0008 LC0010 LC0012 LC0013 LC0015 LC0016 LC0017 LC0018 LC0019 LC0020 LC0021 LC0022 LC0025 LC0026
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Metazachlor

Z-score

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- The graph shows the Z-scores for various laboratories.
- Laboratories LC0001, LC0002, LC0004, LC0005, LC0007, LC0008, and LC0009 have Z-scores below the critical value of 2.
- Laboratories LC0009, LC0010, LC0011, LC0012, LC0013, LC0015, LC0016, LC0017, LC0018, LC0019, LC0020, LC0021, LC0022, LC0023, and LC0025 have Z-scores above the critical value of 2.
Parameter oriented report

PM02 B

Metazachlor

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Characteristics of parameter

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<th>Unit</th>
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Graphical presentation of results

Results

Chemical concentrations in µg/l

Laboratory
### Parameter oriented report

**PM02 A**

**Metazachlor ethane sulfonic acid (Metazachlor-ESA)**

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### Characteristics of parameter

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Sample: PM02A, Parameter: Metazachlor ethane sulfonic acid (Metazachlor-ESA)

Graphical presentation of results

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366/715
Parameter oriented report

PM02 B

Metazachlor ethane sulfonic acid (Metazachlor-ESA)

Unit \(\mu g/l\)

Mean ± CI (99%) \(2.77 ± 0.367\)

Minimum - Maximum \(2.08 - 3.26\)

Control test value ± U \(2.66 ± 0.4\)

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Characteristics of parameter

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Metazachlor ethane sulfonic acid (Metazachlor-ESA)

Graphical presentation of results

Results

µg/l

Laboratory

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Metazachlor ethane sulfonic acid (Metazachlor-ESA)

Recovery rate

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Recovery rate

Laboratory
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Metazachlor ethane sulfonic acid (Metazachlor-ESA)

Z-score

Laboratory LC0005, LC0007, LC0008, LC0009, LC0010, LC0011, LC0012, LC0013, LC0016, LC0018, LC0021, LC0022, LC0025
## Parameter oriented report

**PM02 A**

**Metazachlor oxanilic acid (Metazachlor-OA)**

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<th>Recovery [%]</th>
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### Characteristics of parameter

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Graphical presentation of results

Results

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Metazachlor oxanilic acid (Metazachlor-OA)

Unit: µg/l

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<th>Result</th>
<th>± U</th>
<th>Recovery [%]</th>
<th>z-score</th>
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Characteristics of parameter

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<th>Unit</th>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Metazachlor oxanilic acid (Metazachlor-OA)

Graphical presentation of results

Results

Graphical representation of the results for Metazachlor oxanilic acid (Metazachlor-OA) in PM02B samples, showing the concentration levels across different laboratories.
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Metazachlor oxanilic acid (Metazachlor-OA)

Recovery rate

Recovery [%]

50 60 70 80 90 100 110 120 130 140 150 160

Laboratory

LC0005 LC0007 LC0008 LC0009 LC0010 LC0011 LC0012 LC0013 LC0016 LC0018 LC0021 LC0022 LC0025
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Metazachlor oxanilic acid (Metazachlor-OA)

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Z-score plot showing the distribution of laboratory results.
Parameter oriented report

PM02 A

Metolachlor

Unit: µg/l

Mean ± CI (99%): 0.403 ± 0.0313
Minimum - Maximum: 0.282 - 0.5
Control test value ± U: 0.434 ± 0.0651

<table>
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<th>Result</th>
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Characteristics of parameter

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Graphical presentation of results

Results

Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02
Sample: PM02A, Parameter: Metolachlor
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Metolachlor

Z-score

Laboratory

LC0002
LC0003
LC0004
LC0005
LC0007
LC0008
LC0009
LC0010
LC0011
LC0012
LC0013
LC0015
LC0016
LC0017
LC0018
LC0019
LC0020
LC0021
LC0022
LC0024
LC0025
LC0026

Z-score

-3
-2
-1
0
1
2
3
# Parameter oriented report

**PM02 B**

**Metolachlor**

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**Characteristics of parameter**

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Graphical presentation of results

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Parameter oriented report

PM02 A

Metribuzin

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Characteristics of parameter

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Metribuzin

Graphical presentation of results

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Laboratory

Graphical representation of results for various laboratories showing the concentrations of Metribuzin in µg/l.
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Metribuzin

Recovery rate

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Recovery rate: 385/715
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Metribuzin

Z-score

Laboratory
Parameter oriented report

PM02 B
Metribuzin

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Characteristics of parameter

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Metribuzin

Graphical presentation of results

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Laboratory
Parameter oriented report

PM02 A

Metribuzin-desamino

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Characteristics of parameter

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Graphical presentation of results

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Sample: PM02A, Parameter: Metribuzin-desamino
Parameter oriented report

PM02 B

Metribuzin-desamino

Unit: µg/l

Mean ± CI (99%): 0.256 ± 0.0346
Minimum - Maximum: 0.206 - 0.298
Control test value ± U: 0.244 ± 0.0367

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<th>Recovery [%]</th>
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Characteristics of parameter

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Metribuzin-desamino

Graphical presentation of results

Results

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Graphical representation of the results with the concentrations ranging from 0.10 to 0.40 µg/l across different laboratories.
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Metribuzin-desamino

Recovery rate

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Metribuzin-desamino

Laboratory

LC0005
LC0007
LC0008
LC0010
LC0011
LC0016
LC0022
LC0025

Z-score

3
2
1
0
-1
-2
-3

Z-score
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Metsulfuron-methyl

Metsulfuron-methyl

Unit: µg/l
Mean ± CI (99%) 0.254 ± 0.0343
Minimum - Maximum 0.197 - 0.32
Control test value ± U 0.216 ± 0.0324

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Characteristics of parameter

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Graphical presentation of results

Results

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Metsulfuron-methyl
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Metsulfuron-methyl

Recovery rate

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Recovery rate graph showing the recovery percentage of the sample across different laboratories.
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Metsulfuron-methyl

Z-score

Laboratory

LC0005
LC0007 LC0008 LC0010 LC0011
LC0016
LC0017
LC0019 LC0020 LC0022 LC0024

z-score
3
2
1
0
-1
-2
-3
**Parameter oriented report**

**PM02 B**

**Metsulfuron-methyl**

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**Characteristics of parameter**

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Graphical presentation of results

Results
## Parameter oriented report

**PM02 A**

**N,N-Dimethylsulfamide (DMS)**

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### Characteristics of parameter

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Sample: PM02A, Parameter: N,N-Dimethylsulfamide (DMS)
Graphical presentation of results

Results

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Parameter oriented report

PM02 B

N,N-Dimethylsulfamide (DMS)

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Characteristics of parameter

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<th>without outliers</th>
<th>Unit</th>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: N,N-Dimethylsulfamide (DMS)

Graphical presentation of results

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Laboratory
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: N,N-Dimethylsulfamide (DMS)

Recovery rate

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<tr>
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Recovery rate graph with data points for each laboratory.
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: N,N-Dimethylsulfamide (DMS)

Laboratory
LC0005
LC0007
LC0008
LC0009
LC0012
LC0016
LC0018
LC0022

Z-score

Laboratory

LC0005  LC0007  LC0008  LC0009  LC0012  LC0016  LC0018  LC0022

Z-score
-3  -2  -1  0  1  2  3
Parameter oriented report

PM02 A

Nicosulfurone

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<tr>
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<th>Result</th>
<th>± U</th>
<th>Recovery [%]</th>
<th>z-score</th>
<th>Comments</th>
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Characteristics of parameter

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<th>all results</th>
<th>without outliers</th>
<th>Unit</th>
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<td>0.919 ± 0.222</td>
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<td>Minimum</td>
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<td>Maximum</td>
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<td>µg/l</td>
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Sample: PM02A, Parameter: Nicosulfuron

Results

Graphical presentation of results
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02
Sample: PM02A, Parameter: Nicosulfuron

Recovery rate

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<th>LC0004</th>
<th>LC0005</th>
<th>LC0007</th>
<th>LC0008</th>
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<th>LC0019</th>
<th>LC0020</th>
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<th>LC0025</th>
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Laboratory
**Parameter oriented report**

**PM02 B**

**Nicosulfurone**

Unit: µg/l

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<tr>
<th>Labcode</th>
<th>Result</th>
<th>± U</th>
<th>Recovery [%]</th>
<th>z-score</th>
<th>Comments</th>
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<td>LC0001</td>
<td>&lt; 0.025 (LOQ)</td>
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**Characteristics of parameter**

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<th>without outliers</th>
<th>Unit</th>
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<td>Mean ± CI (99%)</td>
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</tr>
<tr>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Nicosulfuron

Graphical presentation of results

Results

µg/l
### Parameter oriented report

**PM02 A**

**Pethoxamid**

<table>
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<th>µg/l</th>
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<td>0.176 ± 0.0111</td>
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</tr>
<tr>
<td>Control test value ± U</td>
<td>0.186 ± 0.028</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Labcode</th>
<th>Result</th>
<th>± U</th>
<th>Recovery [%]</th>
<th>z-score</th>
<th>Comments</th>
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**Characteristics of parameter**

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Graphical presentation of results

Results

Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02
Sample: PM02A, Parameter: Pethoxamid
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02
Sample: PM02A, Parameter: Pethoxamid

Recovery rate

Laboratory

Recovery [%]

130
120
110
100
90
80
70
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Pethoxamid

Z-score

Laboratory

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## Parameter oriented report

### PM02 B

**Pethoxamid**

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### Characteristics of parameter

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Graphical presentation of results

Results

Laboratory

µg/l
Parameter oriented report

PM02 A

Propazine

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Propazine

Graphical presentation of results

Results

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Propazine

Recovery rate

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Recovery rate
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Propazine

Z-score

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# Parameter oriented report

**PM02 B**

**Propazine**

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**Characteristics of parameter**

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Propazine

Graphical presentation of results

Results

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Parameter oriented report

PM02 A

Propazine-2-hydroxy

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Characteristics of parameter

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Graphical presentation of results

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# Parameter oriented report

**PM02 B**

**Propazine-2-hydroxy**

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**Characteristics of parameter**

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Graphical presentation of results

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Propazine-2-hydroxy

Recovery rate

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Recovery rate
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Propazine-2-hydroxy

Laboratory

LC0005
LC0007
LC0008
LC0016
LC0022
LC0025

Z-score
Parameter oriented report

PM02 A

Propiconazole

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Characteristics of parameter

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Graphical presentation of results

Results

Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Propiconazole

Laboratory

LC0004
LC0005
LC0007
LC0008
LC0009
LC0010
LC0011
LC0012
LC0013
LC0015
LC0016
LC0017
LC0019
LC0022
LC0024
LC0025

µg/l

0.04
0.06
0.08
0.10
0.12
0.14
0.16
0.18
0.20
0.22
0.24

432/715
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Propiconazole

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Recovery rate

The diagram shows the recovery rates for each laboratory sample. The recovery rates range from 50% to 150%, with most samples falling within the 90% to 110% range, indicating good recovery consistency across laboratories.
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Propiconazole

Z-score

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Z-score distribution for Propiconazole samples.
### Parameter oriented report

**PM02 B**

**Propiconazole**

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**Characteristics of parameter**

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Graphical presentation of results

Results
Parameter oriented report

PM02 A

s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)

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Characteristics of parameter

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Graphical presentation of results

Results

Sample: PM02A, Parameter: s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)
## Parameter oriented report

**PM02 B**

**s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)**

<table>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)

Graphical presentation of results

Results

µg/l

Laboratory
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)

Z-score

Z-score

Laboratory

444/715
Parameter oriented report

PM02 A

s-Metolachlor oxanilic acid (Metolachlor-OA)

Unit \( \mu g/l \)

Mean ± CI (99%) -
Minimum - Maximum -
Control test value ± U <0.025 (LOD)

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<th>± U</th>
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Characteristics of parameter

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Graphical presentation of results

Results

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\text{Laboratory} & \text{LC0005} & \text{LC0007} & \text{LC0008} & \text{LC0009} & \text{LC0010} & \text{LC0011} & \text{LC0012} & \text{LC0013} & \text{LC0014} \\
\mu g/l & 0.00 & 0.00 & 0.02 & 0.00 & 0.00 & 0.00 & 0.00 & 0.00 & 0.00 \\
\end{array}
\]
# Parameter oriented report

PM02 B

**s-Metolachlor oxanilic acid (Metolachlor-OA)**

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<td>Minimum - Maximum</td>
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**Characteristics of parameter**

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**Parameter oriented report**

**Pesticides in Accordance with the Drinking Water Ordinance - PM02**

Sample: PM02B, Parameter: s-Metolachlor oxanilic acid (Metolachlor-OA)
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: s-Metolachlor oxanilic acid (Metolachlor-OA)

Z-score

Laboratory

LC0005  LC0007  LC0008  LC0009  LC0010  LC0011  LC0012  LC0013  LC0016  LC0018  LC0021  LC0022  LC0025

z-score

-3 -2 -1 0 1 2 3

450/715
Parameter oriented report

PM02 A

s-Metolachlor Metabolite CGA 368208

Unit \( \mu g/l \)
Mean ± Cl (99%) -
Minimum - Maximum -
Control test value ± U <0.025 (LOD)

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Characteristics of parameter

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Parameter oriented report
PM02 B
s-Metolachlor Metabolite CGA 368208

Unit \(\mu g/l\)

Mean ± CI (99%) -
Minimum - Maximum 0.333 - 0.394
Control test value ± U 0.426 ± 0.064

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Characteristics of parameter

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453/715
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: s-Metolachlor Metabolite CGA 368208

Graphical presentation of results

Results

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Parameter oriented report

PM02 A

s-Metolachlor Metabolite NOA 413173

Unit: µg/l

Mean ± CI (99%): -
Minimum - Maximum: -
Control test value ± U: <0.025 (LOD)

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**Characteristics of parameter**

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455/715
Graphical presentation of results

Results

µg/l

LC0005
LC0007
LC0008
LC0021
LC0022

Laboratory
Parameter oriented report

s-Metolachlor Metabolite NOA 413173

Unit: µg/l

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Characteristics of parameter

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: s-Metolachlor Metabolite NOA 413173

Graphical presentation of results

Results

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458/715
Parameter oriented report

PM02 A

Simazine

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Graphical presentation of results

Results
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Simazine

Z-score

Laboratory
Parameter oriented report

PM02 B

Simazine

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Characteristics of parameter

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Graphical presentation of results

Results

Laboratory
Parameter oriented report

PM02 A

Terbuthylazine

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Sample: PM02A, Parameter: Terbuthylazine

Graphical presentation of results

Results

Laboratory
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Terbuthylazine

Z-score

Laboratory
Parameter oriented report

PM02 B

Terbuthylazine

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Characteristics of parameter

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Graphical presentation of results

Results

[Graph showing results for different laboratories with values in µg/l]
**Parameter oriented report**

**PM02 A**

**Terbutylazine-2-hydroxy**

Unit: µg/l

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**Characteristics of parameter**

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Graphical presentation of results

Results

Laboratory
Parameter oriented report

PM02 B

Terbuthylazine-2-hydroxy

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Characteristics of parameter

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Terbutylazine-2-hydroxy

Graphical presentation of results

Results

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Laboratory
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Terbuthylazine-2-hydroxy

Recovery rate

Recovery [%]

Laboratory

475/715

475/715
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Terbutylazine-2-hydroxy

Laboratory

LC0005
LC0007
LC0008
LC0010
LC0016
LC0022
LC0025

z-score

3
2
1
0
-1
-2
-3

Z-score
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Terbuthylazine-desethyl-2-hydroxy

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Characteristics of parameter

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Graphical presentation of results

Results

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Sample: PM02A, Parameter: Terbutylazine-desethyl-2-hydroxy
### Parameter oriented report

**PM02 B**

**Terbutylazine-desethyl-2-hydroxy**

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#### Characteristics of parameter

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Terbutylazine-desethyl-2-hydroxy

Graphical presentation of results

Results

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Terbuthylazine-desethyl-2-hydroxy

Recovery rate

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Recovery rate
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Terbuthylazine-desethyl-2-hydroxy

Z-score

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# Parameter oriented report

## PM02 A

**Terbuthylazine-desethyl**

**Unit**: µg/l  
**Mean ± CI (99%)**: -  
**Minimum - Maximum**: 0.001 - 0.616  
**Control test value ± U**: <0.025 (LOD)

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<tr>
<th>Labcode</th>
<th>Result</th>
<th>± U</th>
<th>Recovery [%]</th>
<th>z-score</th>
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**Characteristics of parameter**

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**all results** *without outliers* *Unit*
Graphical presentation of results

Results

Laboratory
## Parameter oriented report

**PM02 B**

**Terbuthylazine-desethyl**

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### Characteristics of parameter

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<th>Unit</th>
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<td>0.504 ± 0.0313</td>
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<tr>
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<td>µg/l</td>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Terbuthylazine-desethyl

Graphical presentation of results

Results

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H: Highlighted values
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Terbutylazine-desethyl

Recovery rate

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<tr>
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Recovery rate: 487/715
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Terbuthylazine-desethyl

Z-score

Laboratory
Parameter oriented report

PM02 A

Thiacloprid

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Characteristics of parameter

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<th>without outliers</th>
<th>Unit</th>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Thiacloprid

Graphical presentation of results

Results

Laboratory

µg/l

H

490/715
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Thiacloprid

Recovery rate

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Thiacloprid

Z-score

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492/715
**Parameter oriented report**

**PM02 B**

**Thiacloprid**

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**Characteristics of parameter**

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<th>Unit</th>
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<td>µg/l</td>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Thiacloprid

Graphical presentation of results

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Graphical representation of results:

- X-axis: Laboratory
- Y-axis: Concentration (µg/l)
- Data points for LC0016 show a concentration of 0.05 µg/l, significantly higher than the other laboratories.
Parameter oriented report

Thiamethoxam

<table>
<thead>
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<th>Labcode</th>
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<th>± U</th>
<th>Recovery [%]</th>
<th>z-score</th>
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Characteristics of parameter

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<th>Unit</th>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Thiamethoxam

Graphical presentation of results

Results

![Graphical representation of results](image-url)
## Parameter oriented report

### PM02 B

**Thiamethoxam**

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### Characteristics of parameter

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<th>Unit</th>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Graphical presentation of results

Results

Laboratory

0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04

µg/l

LC0002
LC0005
LC0007
LC0008
LC0010
LC0011
LC0009
LC0012
LC0013
LC0015
LC0016
LC0017
LC0019
LC0022
LC0004
LC0025
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Thiamethoxam

Recovery rate

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<tr>
<td>80</td>
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<tr>
<td>70</td>
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<tr>
<td>60</td>
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Laboratory:
- LC0002
- LC0005
- LC0007
- LC0008
- LC0010
- LC0011
- LC0012
- LC0013
- LC0015
- LC0016
- LC0017
- LC0019
- LC0022
- LC0024
- LC0025
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Thiamethoxam

Z-score

Laboratory: LC0002, LC0005, LC0007, LC0008, LC0010, LC0011, LC0012, LC0013, LC0015, LC0016, LC0017, LC0019, LC0022, LC0024, LC0025
Parameter oriented report

PM02 A

Thifensulfuron-methyl

<table>
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<th>z-score</th>
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Characteristics of parameter

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<tbody>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Thifensulfuron-methyl

Graphical presentation of results

Results

Laboratory

µg/l
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02
Sample: PM02A, Parameter: Thifensulfuron-methyl

Recovery rate

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Recovery: 503/715

Laboratory:
- LC0004
- LC0005
- LC0007
- LC0008
- LC0010
- LC0011
- LC0012
- LC0013
- LC0016
- LC0017
- LC0019
- LC0020
- LC0021
- LC0022
- LC0023
- LC0024
- LC0025

Umweltbundesamt
**Parameter oriented report**

**PM02 B**

**Thifensulfuron-methyl**

<table>
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<th>Labcode</th>
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**Characteristics of parameter**

<table>
<thead>
<tr>
<th></th>
<th>all results</th>
<th>without outliers</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
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Graphical presentation of results

Results
Parameter oriented report

PM02 A
Tolylfluanid

Unit: \( \mu g/l \)
Mean \( \pm CI \) (99%) -
Minimum - Maximum 0.445 - 0.445
Control test value \( \pm U \) <0.025 (LOD)

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<th>Result</th>
<th>( \pm U )</th>
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Characteristics of parameter

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<th>Unit</th>
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<td>( \mu g/l )</td>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Tolyfluanid

Graphical presentation of results

Results

Laboratory
**Parameter oriented report**

**PM02 B**

**Tolyfluanid**

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<tr>
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<td>LC0009</td>
<td>&lt; 0.01 (LOQ)</td>
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**Characteristics of parameter**

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<th>Unit</th>
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<td>- %</td>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Tolyfluanid

Graphical presentation of results

Results

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<td>LC0022</td>
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0.00  0.05  0.10  0.15  0.20  0.25  0.30  0.35  0.40  0.45

Laboratory
**Parameter oriented report**

**PM02 A**

**Tribenuron-methyl**

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<th>± U µg/l</th>
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**Characteristics of parameter**

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<th></th>
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<th>without outliers</th>
<th>Unit</th>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Triburon-methyl

Graphical presentation of results

Results

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[Graph showing the results with data points and error bars.]
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Tribenuron-methyl

Recovery rate

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Recovery rate

[Graph showing recovery rates for different laboratories, with LC0004 at 300%, LC0005 at 250%, LC0007 at 200%, LC0008 at 150%, LC0010 at 100%, LC0011 at 50%, and LC0012 at 0%]
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Tribenuron-methyl

Z-score

Laboratory
Parameter oriented report

PM02 B

Tribenuron-methyl

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Characteristics of parameter

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Tribenuron-methyl

Graphical presentation of results
Results

![Graphical Presentation of Results](image-url)
Parameter oriented report

**PM02 A**

**Triclopyr**

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<th>Labcode</th>
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Characteristics of parameter

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<th>without outliers</th>
<th>Unit</th>
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<tbody>
<tr>
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<tr>
<td>Minimum</td>
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</table>
Graphical presentation of results

Results

Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Triclopyr

Laboratory

LC0004  LC0005  LC0007  LC0008  LC0010  LC0011  LC0013  LC0016  LC0022  LC0024  LC0025

[Graph showing results with values from 0.2 to 0.7 µg/l]
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Triclopyr

Recovery rate

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Triclopyr

Z-score

Laboratory

LC0004  LC0005  LC0007  LC0008  LC0010  LC0011  LC0013  LC0016  LC0022  LC0024  LC0025

Z-score

3  2  1  0  -1  -2  -3  520/715
**Parameter oriented report**

**PM02 B**

**Triclopyr**

<table>
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<tr>
<th>Labcode</th>
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<th>z-score</th>
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**Characteristics of parameter**

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</table>
Graphical presentation of results

Results

Laboratory
Parameter oriented report

PM02 A

Triflusulfuron-Methyl

Unit: µg/l
Mean ± CI (99%): 0.407 ± 0.143
Minimum - Maximum: 0.119 - 0.691
Control test value ± U: 0.647 ± 0.097

<table>
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<tr>
<th>Labcode</th>
<th>Result</th>
<th>± U</th>
<th>Recovery [%]</th>
<th>z-score</th>
<th>Comments</th>
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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Triflusulfuron-Methyl

Graphical presentation of results

Results

Laboratory
Sample: PM02A, Parameter: Triflusulfuron-Methyl

Recovery rate

Laboratory
Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02A, Parameter: Triflusulfuron-Methyl

Laboratory

LC0005
LC0007
LC0008
LC0010
LC0011
LC0016
LC0017
LC0019
LC0020
LC0022

Z-score

-3
-2
-1
0
1
2
3

Laboratory
Parameter oriented report

PM02 B

Triflusulfuron-Methyl

Unit: $\mu g/l$

Statistics:
- Mean ± CI (99%): -
- Minimum - Maximum: -
- Control test value ± U: <0.025 (LOD)

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Characteristics of parameter:

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Sample: PM02B, Parameter: Triflusulfuron-Methyl

Graphical presentation of results

Results

Laboratory

µg/l
Parameter oriented report

PM02 A

Tritosulfuron

Unit: µg/l

Mean ± CI (99%) -

Minimum - Maximum 0.489 - 0.692

Control test value ± U 0.78 ± 0.117

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Graphical presentation of results

Results

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Parameter oriented report

PM02 B

Tritosulfuron

Unit: µg/l

Mean ± CI (99%) -
Minimum - Maximum -
Control test value ± U <0.025 (LOD)

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<th>Recovery [%]</th>
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Characteristics of parameter

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Parameter oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample: PM02B, Parameter: Tritosulfuron

Graphical presentation of results

Results

<table>
<thead>
<tr>
<th>Laboratory</th>
<th>Tritosulfuron (µg/l)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC0005</td>
<td>0.05</td>
</tr>
<tr>
<td>LC0007</td>
<td>0.03</td>
</tr>
<tr>
<td>LC0008</td>
<td>0.02</td>
</tr>
<tr>
<td>LC0010</td>
<td>0.01</td>
</tr>
<tr>
<td>LC0016</td>
<td>0.10</td>
</tr>
<tr>
<td>LC0022</td>
<td>0.09</td>
</tr>
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</table>
8 Laboratory oriented report

The laboratory oriented report is sorted by laboratory code.
## The following results were achieved:

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Unit</th>
<th>Target ± CI(99%)</th>
<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,4-D (2,4-Dichlorophenoxyacetic acid)</td>
<td>µg/l</td>
<td>0.303 ± 0.022</td>
<td>-</td>
<td>0.0327</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>2,6-Dichlorobenzamide</td>
<td>µg/l</td>
<td>0.883 ± 0.0593</td>
<td>-</td>
<td>0.0884</td>
<td>-</td>
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</tr>
<tr>
<td>2-Amino-4-methoxy-6-methyl-1,3,5-triazine</td>
<td>µg/l</td>
<td>- ±</td>
<td>-</td>
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</tr>
<tr>
<td>3,5,6-Trichloro-2-pyridinol</td>
<td>µg/l</td>
<td>0.5 ± 0.0649</td>
<td>-</td>
<td>0.0838</td>
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</tr>
<tr>
<td>Alachlor</td>
<td>µg/l</td>
<td>- ±</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Alachlor-t-sulfonic acid (Alachlor-ESA)</td>
<td>µg/l</td>
<td>- ±</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Alachlor-t-acid (Alachlor-OA)</td>
<td>µg/l</td>
<td>- ±</td>
<td>-</td>
<td>-</td>
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</tr>
<tr>
<td>Aldrin</td>
<td>µg/l</td>
<td>0.0379 ± 0.00855</td>
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<tr>
<td>AMPA</td>
<td>µg/l</td>
<td>- ±</td>
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<tr>
<td>Atrazine</td>
<td>µg/l</td>
<td>0.154 ± 0.00877</td>
<td>0.144</td>
<td>0.022</td>
<td>0.0137</td>
<td>93.4</td>
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<tr>
<td>Atrazine-2-hydroxy</td>
<td>µg/l</td>
<td>- ±</td>
<td>-</td>
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<tr>
<td>Atrazine-desethyl</td>
<td>µg/l</td>
<td>- ±</td>
<td>-</td>
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<tr>
<td>Atrazine-desethyl-desisopropyl</td>
<td>µg/l</td>
<td>- ±</td>
<td>-</td>
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<tr>
<td>Atrazine-desisopropyl</td>
<td>µg/l</td>
<td>- ±</td>
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<tr>
<td>Azoxystrobin</td>
<td>µg/l</td>
<td>0.141 ± 0.0175</td>
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<tr>
<td>Azoxystrobin-O-demethyl (CyPM)</td>
<td>µg/l</td>
<td>- ±</td>
<td>-</td>
<td>-</td>
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<tr>
<td>Bentazone</td>
<td>µg/l</td>
<td>0.091 ± 0.00744</td>
<td>0.094</td>
<td>0.014</td>
<td>0.0116</td>
<td>103</td>
</tr>
<tr>
<td>Bromacil</td>
<td>µg/l</td>
<td>0.164 ± 0.0144</td>
<td>-</td>
<td>0.0152</td>
<td>-</td>
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<tr>
<td>Chloridazon</td>
<td>µg/l</td>
<td>0.0873 ± 0.00567</td>
<td>0.087</td>
<td>0.013</td>
<td>0.00756</td>
<td>99.7</td>
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<tr>
<td>Chloridazon-desphenyl</td>
<td>µg/l</td>
<td>- ±</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Chloridazon-methyl-desphenyl</td>
<td>µg/l</td>
<td>- ±</td>
<td>-</td>
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<tr>
<td>Chlorothalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)</td>
<td>µg/l</td>
<td>- ±</td>
<td>-</td>
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<td>Chlorothalonil sulfonic acid (Chlorothalonil-ESA)</td>
<td>µg/l</td>
<td>- ±</td>
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<td>-</td>
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<tr>
<td>Clopyralid</td>
<td>µg/l</td>
<td>0.351 ± 0.0762</td>
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<td>0.0718</td>
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<tr>
<td>Clothianidin</td>
<td>µg/l</td>
<td>0.162 ± 0.0146</td>
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<td>0.0162</td>
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<tr>
<td>Dichloracetyl</td>
<td>µg/l</td>
<td>0.683 ± 0.0311</td>
<td>-</td>
<td>0.0328</td>
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<tr>
<td>Dichlorprop</td>
<td>µg/l</td>
<td>0.606 ± 0.0444</td>
<td>0.584</td>
<td>0.088</td>
<td>0.0662</td>
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<td>Dieldrin</td>
<td>µg/l</td>
<td>0.06 ± 0.0154</td>
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<tr>
<td>Dimethachlor</td>
<td>µg/l</td>
<td>0.432 ± 0.0351</td>
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<td>0.0453</td>
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<tr>
<td>Dimethachlor ethane sulfonic acid (CGA 354742, Dimethachlor-ESA)</td>
<td>µg/l</td>
<td>- ±</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Parameter</td>
<td>Unit</td>
<td>Target</td>
<td>± CI(99%)</td>
<td>Result</td>
<td>± U</td>
<td>Criteria</td>
</tr>
<tr>
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<td>-----------</td>
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<tr>
<td>Dimethachlor oxalamic acid (CGA 50266, Dimethachlor-OA)</td>
<td>µg/l</td>
<td>- ± -</td>
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<td>- -</td>
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<tr>
<td>Dimethachlor Metabolite - CGA 369873</td>
<td>µg/l</td>
<td>- ± -</td>
<td>- -</td>
<td>- -</td>
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<tr>
<td>Dimethachlor Metabolite - CGA 373464 (acetic acid methyl ester)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>- -</td>
<td>- -</td>
<td>- -</td>
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<td>Dimethachlor Metabolite - CGA 373464 (free acid)</td>
<td>µg/l</td>
<td>- ± -</td>
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<tr>
<td>Dimethenamide</td>
<td>µg/l</td>
<td>0.537 ± 0.0315</td>
<td>0.552</td>
<td>0.083</td>
<td>0.0433</td>
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<td>Dimethenamid-P-sulfonic acid (Dimethenamid-ESA)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>- -</td>
<td>- -</td>
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<td>- -</td>
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<tr>
<td>Dimethenamid-P-acid (Dimethenamid-OA)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>- -</td>
<td>- -</td>
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<tr>
<td>Diuron</td>
<td>µg/l</td>
<td>0.295 ± 0.0188</td>
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<td>0.0287</td>
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<tr>
<td>Ethofumesate</td>
<td>µg/l</td>
<td>0.153 ± 0.0132</td>
<td>- -</td>
<td>0.0159</td>
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<tr>
<td>Flufenacet</td>
<td>µg/l</td>
<td>0.43 ± 0.0434</td>
<td>- -</td>
<td>0.056</td>
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<tr>
<td>Flufenacet sulfonic acid (Flufenacet-ESA)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>- -</td>
<td>- -</td>
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</tr>
<tr>
<td>Flufenacet oxanilic acid (Flufenacet-OA)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>- -</td>
<td>- -</td>
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</tr>
<tr>
<td>Glufosinate</td>
<td>µg/l</td>
<td>0.148 ± 0.0493</td>
<td>- -</td>
<td>0.0434</td>
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<tr>
<td>Glyphosate</td>
<td>µg/l</td>
<td>0.366 ± 0.0555</td>
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<tr>
<td>Heptachlor</td>
<td>µg/l</td>
<td>0.0486 ± 0.0266</td>
<td>- -</td>
<td>0.0281</td>
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<tr>
<td>Heptachlor epoxid</td>
<td>µg/l</td>
<td>- ± -</td>
<td>- -</td>
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<tr>
<td>Hexazinone</td>
<td>µg/l</td>
<td>0.22 ± 0.0201</td>
<td>- -</td>
<td>0.0268</td>
<td>- -</td>
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<tr>
<td>Imidacloprid</td>
<td>µg/l</td>
<td>0.307 ± 0.0287</td>
<td>- -</td>
<td>0.0358</td>
<td>- -</td>
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<tr>
<td>Iodosulfuron-methyl</td>
<td>µg/l</td>
<td>0.405 ± 0.0469</td>
<td>- -</td>
<td>0.0518</td>
<td>- -</td>
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<tr>
<td>Isoproturon</td>
<td>µg/l</td>
<td>0.301 ± 0.0199</td>
<td>0.293</td>
<td>0.044</td>
<td>0.0303</td>
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<tr>
<td>Isoproturon-desmethyl</td>
<td>µg/l</td>
<td>- ± -</td>
<td>- -</td>
<td>- -</td>
<td>- -</td>
<td>- -</td>
</tr>
<tr>
<td>MCPA</td>
<td>µg/l</td>
<td>0.237 ± 0.0108</td>
<td>0.227</td>
<td>0.034</td>
<td>0.0161</td>
<td>95.9</td>
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<tr>
<td>MCPB</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.025</td>
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<tr>
<td>MCPP (Mecoprop)</td>
<td>µg/l</td>
<td>0.118 ± 0.00973</td>
<td>0.116</td>
<td>0.017</td>
<td>0.0152</td>
<td>98.6</td>
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<tr>
<td>Mesosulfuron-methyl</td>
<td>µg/l</td>
<td>0.228 ± 0.0255</td>
<td>- -</td>
<td>0.0241</td>
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<tr>
<td>Metalaxyl</td>
<td>µg/l</td>
<td>0.533 ± 0.0393</td>
<td>- -</td>
<td>0.0524</td>
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</tr>
<tr>
<td>Metamitron</td>
<td>µg/l</td>
<td>0.51 ± 0.0476</td>
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<td>0.0673</td>
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<tr>
<td>Metazachlor</td>
<td>µg/l</td>
<td>0.26 ± 0.00676</td>
<td>0.263</td>
<td>0.039</td>
<td>0.0093</td>
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</tr>
<tr>
<td>Metazachlor ethane sulfonic acid (Metazachlor-ESA)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>- -</td>
<td>- -</td>
<td>- -</td>
<td></td>
</tr>
<tr>
<td>Metazachlor oxanilic acid (Metazachlor-OA)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>- -</td>
<td>- -</td>
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<td></td>
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<tr>
<td>Metolachlor</td>
<td>µg/l</td>
<td>0.403 ± 0.0313</td>
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<td>0.0489</td>
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<tr>
<td>Metribuzin</td>
<td>µg/l</td>
<td>0.0895 ± 0.00875</td>
<td>- -</td>
<td>0.0113</td>
<td>- -</td>
<td></td>
</tr>
<tr>
<td>Parameter</td>
<td>Unit</td>
<td>Target ±</td>
<td>CI(99%)</td>
<td>Result ±</td>
<td>Criteria</td>
<td>Recovery</td>
</tr>
<tr>
<td>---------------------------------</td>
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<tr>
<td>Metribuzin-desamino</td>
<td>µg/l</td>
<td>- ±</td>
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</tr>
<tr>
<td>Metsulfuron-methyl</td>
<td>µg/l</td>
<td>0.254 ±</td>
<td>0.0343</td>
<td>-</td>
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<tr>
<td>N,N-Dimethylsulfamide (DMS)</td>
<td>µg/l</td>
<td>- ±</td>
<td>-</td>
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<tr>
<td>Nicosulfurone</td>
<td>µg/l</td>
<td>0.919 ±</td>
<td>0.222</td>
<td>1.26</td>
<td>0.189</td>
<td>0.276</td>
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<tr>
<td>Pethoxamid</td>
<td>µg/l</td>
<td>0.176 ±</td>
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<td>0.0111</td>
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<tr>
<td>Propazine</td>
<td>µg/l</td>
<td>0.49 ±</td>
<td>0.0258</td>
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<tr>
<td>Propazine-2-hydroxy</td>
<td>µg/l</td>
<td>- ±</td>
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<td>-</td>
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<tr>
<td>Propiconazole</td>
<td>µg/l</td>
<td>0.152 ±</td>
<td>0.0146</td>
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<tr>
<td>s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)</td>
<td>µg/l</td>
<td>- ±</td>
<td>-</td>
<td>-</td>
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<td>-</td>
</tr>
<tr>
<td>s-Metolachlor oxanilic acid (Metolachlor-OA)</td>
<td>µg/l</td>
<td>- ±</td>
<td>-</td>
<td>-</td>
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<td>s-Metolachlor Metabolite CGA 368208</td>
<td>µg/l</td>
<td>- ±</td>
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<td>s-Metolachlor Metabolite NOA 413173</td>
<td>µg/l</td>
<td>- ±</td>
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<tr>
<td>Simazine</td>
<td>µg/l</td>
<td>0.123 ±</td>
<td>0.00681</td>
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<td>0.00963</td>
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<tr>
<td>Terbuthylazine</td>
<td>µg/l</td>
<td>0.254 ±</td>
<td>0.0165</td>
<td>0.244</td>
<td>0.037</td>
<td>0.0258</td>
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<tr>
<td>Terbuthylazine-2-hydroxy</td>
<td>µg/l</td>
<td>- ±</td>
<td>-</td>
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<td>-</td>
</tr>
<tr>
<td>Terbuthylazine-desethyl-2-hydroxy</td>
<td>µg/l</td>
<td>- ±</td>
<td>-</td>
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<td>Terbuthylazine-desethyl</td>
<td>µg/l</td>
<td>- ±</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Thiacloprid</td>
<td>µg/l</td>
<td>0.295 ±</td>
<td>0.0181</td>
<td>-</td>
<td>-</td>
<td>0.0217</td>
</tr>
<tr>
<td>Thiamethoxam</td>
<td>µg/l</td>
<td>- ±</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Thifensulfuron-methyl</td>
<td>µg/l</td>
<td>0.765 ±</td>
<td>0.0774</td>
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<td>-</td>
<td>0.0931</td>
</tr>
<tr>
<td>Tolyfluanid</td>
<td>µg/l</td>
<td>- ±</td>
<td>-</td>
<td>-</td>
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<td>-</td>
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<td>Tribenuron-methyl</td>
<td>µg/l</td>
<td>0.154 ±</td>
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<tr>
<td>Triclopyr</td>
<td>µg/l</td>
<td>0.48 ±</td>
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<td>Triflusulfuron-Methyl</td>
<td>µg/l</td>
<td>0.407 ±</td>
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<td>Tritosulfuron</td>
<td>µg/l</td>
<td>- ±</td>
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**Sample: PM02B**

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<th>Target ±</th>
<th>CI(99%)</th>
<th>Result ±</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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Laboratory oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02
<table>
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<th>Parameter</th>
<th>Unit</th>
<th>Target ± CI(99%)</th>
<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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<td>Tolyfluanid</td>
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<td>Triclopyr</td>
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<td>Tritosulfuron</td>
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The following results were achieved:

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<th>Parameter</th>
<th>Unit</th>
<th>Target ± Cl(99%)</th>
<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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<td>2,4-D (2,4-Dichlorophenoxyaceticacid)</td>
<td>µg/l</td>
<td>0.303 ± 0.022</td>
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<td>2,6-Dichlorobenzamide</td>
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<td>2-Amino-4-methoxy-6-methyl-1,3,5-triazine</td>
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<td>3,5,6-Trichloro-2-pyridinol</td>
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<td>Alachlor-t-sulfonic acid (Alachlor-ESA)</td>
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<td>Alachlor-t-acid (Alachlor-OA)</td>
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<td>Atrazine-desethyl</td>
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<td>Atrazine-desethyl-desisopropyl</td>
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<td>Atrazine-desisopropyl</td>
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<td>Bromacil</td>
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<td>Chloridazon</td>
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<td>0.02</td>
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<td>Chloridazon-methyl-desphenyl</td>
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<td>Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)</td>
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<td>Chlorothalonil sulfonic acid (Chlorothalonil-ESA)</td>
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<td>Clopyralid</td>
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<td>Dichlorprop</td>
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<td>Dieldrin</td>
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<td>Dimethachlor</td>
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<td>Dimethachlor ethane sulfonic acid (CGA 354742, Dimethachlor-ESA)</td>
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<td>- ± -</td>
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Laboratory oriented report: Pesticides in Accordance with the Drinking Water Ordinance - PM02

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<tr>
<th>Parameter</th>
<th>Unit</th>
<th>Target ± CI(99%)</th>
<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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<tr>
<td>Dimethachlor Metabolite - CGA 373464 (acetic acid methyl ester)</td>
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<td>µg/l</td>
<td>- ± -</td>
<td>- -</td>
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<td>Metazachlor oxanilic acid (Metazachlor-OA)</td>
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<td>Unit</td>
<td>Target ± CI(99%)</td>
<td>Result ± U</td>
<td>Criteria</td>
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<td>z-score</td>
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<td>Simazine</td>
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<tr>
<td>Triclopyr</td>
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<tr>
<td>Tribenuron-methyl</td>
<td>µg/l</td>
<td>0.154 ± 0.0906</td>
<td>- -</td>
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<tr>
<td>Thiacloprid</td>
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<td>Thiamethoxam</td>
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<td>Thifensulfuron-methyl</td>
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<td>Tritosulfuron</td>
<td>µg/l</td>
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**Sample: PM02B**

<table>
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<tr>
<th>Parameter</th>
<th>Unit</th>
<th>Target ± CI(99%)</th>
<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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<tr>
<td>2,4-D (2,4-Dichlorophenoxyacetic acid)</td>
<td>µg/l</td>
<td>0.191 ± 0.0152</td>
<td>0.17 0.034</td>
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<td>2,6-Dichlorobenzamide</td>
<td>µg/l</td>
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<td>2-Amino-4-methoxy-6-methyl-1,3,5-triazine</td>
<td>µg/l</td>
<td>0.182 ± 0.0175</td>
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<tr>
<td>3,5,6-Trichloro-2-pyridinol</td>
<td>µg/l</td>
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<tr>
<td>Alachlor</td>
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543/715
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<tr>
<td>Alachlor-t-sulfonic acid (Alachlor-ESA)</td>
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<td>Alachlor-t-acid (Alachlor-OA) µg/l</td>
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<td>Atrazine</td>
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<td>Atrazine-2-hydroxy</td>
<td>µg/l</td>
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<td>Atrazine-desethyl</td>
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<td>Azoxystrobin</td>
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<td>Azoxystrobin-O-demethyl (CyPM) µg/l</td>
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<td>Bentazone</td>
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<td>Bromacil</td>
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<td>Chloridazon</td>
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<td>Clopyralid</td>
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<td>Dichlorprop</td>
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<td>Dimethachlor ethane sulfonic acid (CGA 354742, Dimethachlor-ESA)</td>
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<td>Dimethachlor Metabolite - CGA 373464 (acetic acid methyl ester)</td>
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<td>Dimethachlor Metabolite - CGA 373464 (free acid)</td>
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<td>Criteria</td>
<td>Recovery</td>
<td>z-score</td>
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<td>Imidacloprid</td>
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<td>Iodosulfuron-methyl</td>
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<td>Isoproturon</td>
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<td>Metamitron</td>
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<td>1.32 ± 0.202</td>
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<td>Metolachlor</td>
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<td>Metribuzin</td>
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<td>N,N-Dimethylsulamid (DMS)</td>
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<td>Result</td>
<td>± U</td>
<td>Criteria</td>
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<tr>
<td>s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)</td>
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<td>2.75</td>
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<td>1.09</td>
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<td>-</td>
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<td>Terbuthylazine</td>
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<td>Terbuthylazine-2-hydroxy</td>
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<td>Terbuthylazine-desethyl-2-hydroxy</td>
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<td>Terbuthylazine-desethyl</td>
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<td>Thioclorid</td>
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<td>Tritosulfuron</td>
<td>µg/l</td>
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<td>± -</td>
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</table>
Laboratory oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Laboratory: LC0002

Sample

PM02 A
PM02 B

2,4-D (2,4-Dichlorophenoxyacetic acid)
Bentazon
Chloridazon
Clothianidin
Dichlorprop
Dimethachlor
Dimethenamide
Diuron
Ethofumesate
Flufenacet
Imidacloprid
Isoproturon
MCPA
MCPP (Mecoprop)
Metamitron
Metazachlor
Metolachlor
Nicosulfuron
Pethoxamid
Thiacloprid
Thiamethoxam

Measurand

z-score

-2 0 2 -2 0 2
The following results were achieved:

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Unit</th>
<th>Target ± CI(99%)</th>
<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,4-D (2,4-Dichlorophenoxyacetic acid)</td>
<td>µg/l</td>
<td>0.303 ± 0.022</td>
<td>-</td>
<td>-</td>
<td>0.0327</td>
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</tr>
<tr>
<td>2,6-Dichlorobenzamide</td>
<td>µg/l</td>
<td>0.883 ± 0.0593</td>
<td>0.865</td>
<td>0.007</td>
<td>0.0884</td>
<td>98</td>
</tr>
<tr>
<td>2-Amino-4-methoxy-6-methyl-1,3,5-triazine</td>
<td>µg/l</td>
<td>- ±</td>
<td>-</td>
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<tr>
<td>3,5,6-Trichloro-2-pyridinol</td>
<td>µg/l</td>
<td>- ±</td>
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<tr>
<td>Alachlor</td>
<td>µg/l</td>
<td>0.5 ± 0.0649</td>
<td>0.518</td>
<td>0.005</td>
<td>0.0838</td>
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<tr>
<td>Alachlor-t-sulfonic acid (Alachlor-ESA)</td>
<td>µg/l</td>
<td>- ±</td>
<td>-</td>
<td>-</td>
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<tr>
<td>Alachlor-t-acid (Alachlor-OA)</td>
<td>µg/l</td>
<td>- ±</td>
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<tr>
<td>Aldrin</td>
<td>µg/l</td>
<td>0.0379 ± 0.00855</td>
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<td>AMPA</td>
<td>µg/l</td>
<td>- ±</td>
<td>&lt;0.025</td>
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<td>Atrazine</td>
<td>µg/l</td>
<td>0.154 ± 0.00877</td>
<td>0.155</td>
<td>0.002</td>
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<td>Atrazine-2-hydroxy</td>
<td>µg/l</td>
<td>- ±</td>
<td>-</td>
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<tr>
<td>Atrazine-desethyl</td>
<td>µg/l</td>
<td>- ±</td>
<td>&lt;0.025</td>
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<tr>
<td>Atrazine-desethyl-desisopropyl</td>
<td>µg/l</td>
<td>- ±</td>
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<tr>
<td>Atrazine-desisopropyl</td>
<td>µg/l</td>
<td>- ±</td>
<td>&lt;0.025</td>
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<tr>
<td>Azoxystrobin</td>
<td>µg/l</td>
<td>0.141 ± 0.0175</td>
<td>-</td>
<td>-</td>
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<tr>
<td>Azoxystrobin-O-demethyl (CyPM)</td>
<td>µg/l</td>
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<tr>
<td>Bentazone</td>
<td>µg/l</td>
<td>0.091 ± 0.00744</td>
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<td>-</td>
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<tr>
<td>Bromacil</td>
<td>µg/l</td>
<td>0.164 ± 0.0144</td>
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<td>-</td>
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<tr>
<td>Chloridazon</td>
<td>µg/l</td>
<td>0.0873 ± 0.00567</td>
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<td>-</td>
<td>0.00756</td>
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<tr>
<td>Chloridazon-desphenyl</td>
<td>µg/l</td>
<td>- ±</td>
<td>-</td>
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<tr>
<td>Chloridazon-methyl-desphenyl</td>
<td>µg/l</td>
<td>- ±</td>
<td>-</td>
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<tr>
<td>Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)</td>
<td>µg/l</td>
<td>- ±</td>
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<tr>
<td>Chlorothalonil sulfonic acid (Chlorothalonil-ESA)</td>
<td>µg/l</td>
<td>- ±</td>
<td>-</td>
<td>-</td>
<td>-</td>
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<tr>
<td>Clopyralid</td>
<td>µg/l</td>
<td>0.351 ± 0.0762</td>
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<tr>
<td>Clothianidin</td>
<td>µg/l</td>
<td>0.162 ± 0.0146</td>
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<tr>
<td>Dicamba</td>
<td>µg/l</td>
<td>0.683 ± 0.0311</td>
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<td>-</td>
<td>0.0328</td>
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<td>Dichlorprop</td>
<td>µg/l</td>
<td>0.606 ± 0.0444</td>
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<td>Dieldrin</td>
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<td>Dimethachlor</td>
<td>µg/l</td>
<td>0.432 ± 0.0351</td>
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<tr>
<td>Dimethachlor ethane sulfonic acid (CGA 354742, Dimethachlor-ESA)</td>
<td>µg/l</td>
<td>- ±</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
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<tr>
<td>Parameter</td>
<td>Unit</td>
<td>Target ± CI(99%)</td>
<td>Result ± U</td>
<td>Criteria</td>
<td>Recovery</td>
<td>z-score</td>
</tr>
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<td>------------</td>
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<tr>
<td>Dimethachlor oxalamic acid</td>
<td>µg/l</td>
<td>- ± -</td>
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<td>- - - -</td>
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<td>Dimethachlor Metabolite - CGA 369873</td>
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<tr>
<td>Dimethachlor Metabolite - CGA 373464 (acetic acid methyl ester)</td>
<td>µg/l</td>
<td>- ± -</td>
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<td>- - - -</td>
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</tr>
<tr>
<td>Dimethachlor Metabolite - CGA 373464 (free acid)</td>
<td>µg/l</td>
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<tr>
<td>Dimethenamide</td>
<td>µg/l</td>
<td>0.537 ± 0.0315</td>
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<td>0.0433</td>
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<tr>
<td>Dimethenamid-P-sulfonic acid (Dimethenamid-ESA)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>- - - -</td>
<td>- - - -</td>
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<td>Dimethenamid-P-acid (Dimethenamid-OA)</td>
<td>µg/l</td>
<td>- ± -</td>
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<td>- - - -</td>
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<tr>
<td>Diuron</td>
<td>µg/l</td>
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<td>0.0287</td>
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<td>Ethofumesate</td>
<td>µg/l</td>
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<tr>
<td>Flufenacet</td>
<td>µg/l</td>
<td>0.43 ± 0.0434</td>
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<td>0.056</td>
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<td>Flufenacet sulfonic acid (Flufenacet-ESA)</td>
<td>µg/l</td>
<td>- ± -</td>
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<td>- - - -</td>
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<tr>
<td>Flufenacet oxanilic acid (Flufenacet-OA)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>- - - -</td>
<td>- - - -</td>
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<td>Glufosinate</td>
<td>µg/l</td>
<td>0.148 ± 0.0493</td>
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<tr>
<td>Glyphosate</td>
<td>µg/l</td>
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<td>0.384 0.004</td>
<td>0.0641</td>
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<td>0.28</td>
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<tr>
<td>Heptachlor</td>
<td>µg/l</td>
<td>0.0486 ± 0.0266</td>
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<td>0.0281</td>
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<tr>
<td>Heptachlor epoxid</td>
<td>µg/l</td>
<td>- ± -</td>
<td>- - - -</td>
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<tr>
<td>Hexazinone</td>
<td>µg/l</td>
<td>0.22 ± 0.0201</td>
<td>- -</td>
<td>0.0268</td>
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<tr>
<td>Imidacloprid</td>
<td>µg/l</td>
<td>0.307 ± 0.0287</td>
<td>- -</td>
<td>0.0358</td>
<td>- -</td>
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<tr>
<td>Iodosulfuron-methyl</td>
<td>µg/l</td>
<td>0.405 ± 0.0469</td>
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<tr>
<td>Isoproturon</td>
<td>µg/l</td>
<td>0.301 ± 0.0199</td>
<td>0.089 0.001</td>
<td>0.0303</td>
<td>29.5</td>
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<tr>
<td>Isoproturon-desmethyl</td>
<td>µg/l</td>
<td>- ± -</td>
<td>- - - -</td>
<td>- - - -</td>
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<tr>
<td>MCPA</td>
<td>µg/l</td>
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<td>0.0161</td>
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<tr>
<td>MCPB</td>
<td>µg/l</td>
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<td>- - - -</td>
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<tr>
<td>MCPP (Mecoprop)</td>
<td>µg/l</td>
<td>0.118 ± 0.00973</td>
<td>- -</td>
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<td>Mesosulfuron-methyl</td>
<td>µg/l</td>
<td>0.228 ± 0.0255</td>
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<td>Metalaxyl</td>
<td>µg/l</td>
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<td>- -</td>
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<td>Metamitron</td>
<td>µg/l</td>
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<td>- -</td>
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<tr>
<td>Metazachlor</td>
<td>µg/l</td>
<td>0.26 ± 0.00676</td>
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<td>0.0093</td>
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<tr>
<td>Metazachlor ethane sulfonic acid (Metazachlor-ESA)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>- - - -</td>
<td>- - - -</td>
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<tr>
<td>Metazachlor oxanilic acid (Metazachlor-OA)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>- - - -</td>
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<tr>
<td>Metolachlor</td>
<td>µg/l</td>
<td>0.403 ± 0.0313</td>
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<td>Metribuzin</td>
<td>µg/l</td>
<td>0.0895 ± 0.00875</td>
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<td>0.0113</td>
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<td>- -</td>
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<tr>
<td>Parameter</td>
<td>Unit</td>
<td>Target ± CI(99%)</td>
<td>Result ± U</td>
<td>Criteria</td>
<td>Recovery</td>
<td>z-score</td>
</tr>
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<td>-----------------------------------------------</td>
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<td>Metribuzin-desamino</td>
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<tr>
<td>Metsulfuron-methyl</td>
<td>µg/l</td>
<td>0.254 ± 0.0343</td>
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<td>0.0362</td>
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<tr>
<td>N,N-Dimethylsulfamide (DMS)</td>
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<td>- ± -</td>
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<tr>
<td>Nicosulfuron</td>
<td>µg/l</td>
<td>0.919 ± 0.222</td>
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<tr>
<td>Pethoxam</td>
<td>µg/l</td>
<td>0.176 ± 0.0111</td>
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<td>0.0111</td>
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<tr>
<td>Propazine</td>
<td>µg/l</td>
<td>0.49 ± 0.0258</td>
<td>0.496  0.005</td>
<td>0.0344</td>
<td>101  0.17</td>
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<tr>
<td>Propazine-2-hydroxy</td>
<td>µg/l</td>
<td>- ± -</td>
<td>- -</td>
<td>- -</td>
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<tr>
<td>Propiconazole</td>
<td>µg/l</td>
<td>0.152 ± 0.0146</td>
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<td>0.0194</td>
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<tr>
<td>s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>- -</td>
<td>- -</td>
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<tr>
<td>s-Metolachlor oxanilic acid (Metolachlor-OA)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>- -</td>
<td>- -</td>
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<tr>
<td>s-Metolachlor Metabolite CGA 368208</td>
<td>µg/l</td>
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<tr>
<td>s-Metolachlor Metabolite NOA 413173</td>
<td>µg/l</td>
<td>- ± -</td>
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<tr>
<td>Simazine</td>
<td>µg/l</td>
<td>0.123 ± 0.00681</td>
<td>0.163   0.002</td>
<td>0.00963</td>
<td>133  4.19</td>
<td></td>
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<tr>
<td>Terbuthylazine</td>
<td>µg/l</td>
<td>0.254 ± 0.0165</td>
<td>0.221   0.002</td>
<td>0.0258</td>
<td>87  -1.27</td>
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</tr>
<tr>
<td>Terbuthylazine-2-hydroxy</td>
<td>µg/l</td>
<td>- ± -</td>
<td>- -</td>
<td>- -</td>
<td>- -</td>
<td>- -</td>
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<tr>
<td>Terbuthylazine-desethyl-2-hydroxy</td>
<td>µg/l</td>
<td>- ± -</td>
<td>- -</td>
<td>- -</td>
<td>- -</td>
<td>- -</td>
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<tr>
<td>Terbuthylazine-desethyl</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.025</td>
<td>- -</td>
<td>- -</td>
<td>- -</td>
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<tr>
<td>Thiacloprid</td>
<td>µg/l</td>
<td>0.295 ± 0.0181</td>
<td>- -</td>
<td>0.0217</td>
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<tr>
<td>Thiamethoxam</td>
<td>µg/l</td>
<td>- ± -</td>
<td>- -</td>
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<tr>
<td>Thifensulfuron-methyl</td>
<td>µg/l</td>
<td>0.765 ± 0.0774</td>
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<tr>
<td>Tolyfluanid</td>
<td>µg/l</td>
<td>- ± -</td>
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<td>- -</td>
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<tr>
<td>Tribenuron-methyl</td>
<td>µg/l</td>
<td>0.154 ± 0.0906</td>
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<td>Triclopyr</td>
<td>µg/l</td>
<td>0.48 ± 0.0503</td>
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<tr>
<td>Trifluesulfuron-Methyl</td>
<td>µg/l</td>
<td>0.407 ± 0.143</td>
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<td>0.15</td>
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<td>- -</td>
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<td>Tritosulfuron</td>
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**Sample: PM02B**

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<th>Parameter</th>
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<th>Target ± CI(99%)</th>
<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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<tbody>
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<td>2,4-D (2,4-Dichlorophenoxyacetic acid)</td>
<td>µg/l</td>
<td>0.191 ± 0.0152</td>
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<td>µg/l</td>
<td>2.53 ± 0.132</td>
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<td>Atrazine</td>
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<td>Atrazine-2-hydroxy</td>
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<td>Dimethachlor Metabolite - CGA 373464 (acetic acid methyl ester)</td>
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<td>Result ± U</td>
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<td>Recovery ± U</td>
<td>z-score</td>
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The following results were achieved:

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<th>Target ± Cl(99%)</th>
<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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<td>0.303 ± 0.022</td>
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<td>Dicamba</td>
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<td>Dichlorprop</td>
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This report was created with PROLab, a software by QuoData: http://www.quodata.de/
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<tr>
<th>Parameter</th>
<th>Unit</th>
<th>Target ± Cl(99%)</th>
<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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<tr>
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<td>Terbutylazine-2-hydroxy</td>
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<td>Terbutylazine-desethyl-2-hydroxy</td>
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<td>- ± -</td>
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<td>Terbutylazine-desethyl</td>
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<td>Thiamethoxam</td>
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<td>Thifensulfuron-methyl</td>
<td>µg/l</td>
<td>0.765 ± 0.0774</td>
<td>0.766 ± 0.05</td>
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<td>Tolyfluanid</td>
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<td>Tribenuron-methyl</td>
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<td>Triclopyr</td>
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Sample: PM02B

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<th>Target ± CI(99%)</th>
<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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<td>2,4-D (2,4-Dichlorophenoxyaceticacid)</td>
<td>µg/l</td>
<td>0.191 ± 0.0152</td>
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<td>2,6-Dichlorobenzamide</td>
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<td>2-Amino-4-methoxy-6-methyl-1,3,5-triazine</td>
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<td>Parameter</td>
<td>Unit</td>
<td>Target</td>
<td>± CI(99%)</td>
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<td>± U</td>
<td>Criteria</td>
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<td>Alachlor-t-acid (Alachlor-OA)</td>
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<td>Atrazine-2-hydroxy</td>
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<td>Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)</td>
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<td>Clopyralid</td>
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<td>Recovery</td>
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<td>Target ± CI(99%)</td>
<td>Result ± U</td>
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<td>z-score</td>
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<td>s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)</td>
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<td>Terbuthylazine</td>
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The diagram shows the z-scores for each measured pesticide in samples PM02 A and PM02 B. The z-score values are indicated by the length of the bar for each pesticide.
Laboratory oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

The following results were achieved:

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Unit</th>
<th>Target ± CI(99%)</th>
<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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<tbody>
<tr>
<td>2,4-D (2,4-Dichlorophenoxyaceticacid)</td>
<td>µg/l</td>
<td>0.303 ± 0.022</td>
<td>0.303 ± 0.0454</td>
<td>0.0327</td>
<td>100</td>
<td>0.01</td>
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<tr>
<td>2,6-Dichlorobenzamide</td>
<td>µg/l</td>
<td>0.883 ± 0.0593</td>
<td>1.01 ± 0.244</td>
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<td>2-Amino-4-methoxy-6-methyl-1,3,5-triazine</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.05 (LOQ)</td>
<td>-</td>
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<tr>
<td>3,5,6-Trichloro-2-pyridinol</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.05 (LOQ)</td>
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<tr>
<td>Alachlor</td>
<td>µg/l</td>
<td>0.5 ± 0.0649</td>
<td>0.364 ± 0.127</td>
<td>0.0838</td>
<td>72.7</td>
<td>-1.63</td>
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<tr>
<td>Alachlor-t-sulfonic acid (Alachlor-ESA)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.025</td>
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<tr>
<td>Alachlor-t-acid (Alachlor-OA)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.025</td>
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<tr>
<td>Aldrin</td>
<td>µg/l</td>
<td>0.0379 ± 0.00855</td>
<td>0.047 ± 0.00586</td>
<td>0.00855</td>
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<td>AMPA</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.05 (LOQ)</td>
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<tr>
<td>Atrazine</td>
<td>µg/l</td>
<td>0.154 ± 0.00877</td>
<td>0.178 ± 0.0606</td>
<td>0.0137</td>
<td>115</td>
<td>1.74</td>
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<tr>
<td>Atrazine-2-hydroxy</td>
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<tr>
<td>Atrazine-desethyl</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.025</td>
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<tr>
<td>Atrazine-desethyl-desisopropyl</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.05 (LOQ)</td>
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<tr>
<td>Atrazine-desisopropyl</td>
<td>µg/l</td>
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<td>Azoxystrobin</td>
<td>µg/l</td>
<td>0.141 ± 0.0175</td>
<td>0.154 ± 0.0386</td>
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<td>Azoxystrobin-O-demethyl (CyPM)</td>
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<tr>
<td>Bentazone</td>
<td>µg/l</td>
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<td>0.102 ± 0.0143</td>
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<tr>
<td>Bromacil</td>
<td>µg/l</td>
<td>0.164 ± 0.0144</td>
<td>0.182 ± 0.0418</td>
<td>0.0152</td>
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<td>Chloridazon</td>
<td>µg/l</td>
<td>0.0873 ± 0.00567</td>
<td>0.0881 ± 0.0123</td>
<td>0.00756</td>
<td>101</td>
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<td>Chloridazon-desphenyl</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.025</td>
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<tr>
<td>Chloridazon-methyl-desphenyl</td>
<td>µg/l</td>
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<td>&lt;0.025</td>
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<tr>
<td>Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)</td>
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<td>- ± -</td>
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<tr>
<td>Clopyralid</td>
<td>µg/l</td>
<td>0.351 ± 0.0762</td>
<td>0.268 ± 0.0804</td>
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<tr>
<td>Clothianidin</td>
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<td>0.176 ± 0.0511</td>
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<td>Dichlorprop</td>
<td>µg/l</td>
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<td>0.0328</td>
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<td>Dieldrin</td>
<td>µg/l</td>
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<td>0.0629 ± 0.0084</td>
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<td>Dimethachlor</td>
<td>µg/l</td>
<td>0.432 ± 0.0351</td>
<td>0.454 ± 0.0998</td>
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<td>Dimethachlor ethane sulfonic acid (CGA 354742, Dimethachlor-ESA)</td>
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<tr>
<td>Parameter</td>
<td>Unit</td>
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<td>± CI(99%)</td>
<td>Result</td>
<td>± U</td>
<td>Criteria</td>
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<tr>
<td>Dimethachlor Metabolite - CGA 373464 (acetic acid methyl ester)</td>
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<td>Heptachlor epoxid</td>
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<td>0.0201</td>
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<td>±</td>
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<td>MCPA</td>
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<td>±</td>
<td>0.0108</td>
<td>0.237</td>
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<td>&lt;0.02 (LOQ)</td>
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<td>MCPP (Mecoprop)</td>
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<td>Mesosulfuron-methyl</td>
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<td>0.0255</td>
<td>0.261</td>
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<td>±</td>
<td>0.0393</td>
<td>0.598</td>
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<td>Metamitron</td>
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<td>±</td>
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<td>±</td>
<td>0.00676</td>
<td>0.264</td>
<td>0.037</td>
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<td>±</td>
<td>&lt;0.05 (LOQ)</td>
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<tr>
<td>Metazachlor oxanilic acid (Metazachlor-OA)</td>
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<td>-</td>
<td>±</td>
<td>&lt;0.025</td>
<td>-</td>
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## Laboratory oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

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<th>Parameter</th>
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<th>Target ± Cl(99%)</th>
<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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<tbody>
<tr>
<td>Metribuzin-desamino</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.025</td>
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<tr>
<td>Metsulfuron-methyl</td>
<td>µg/l</td>
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<td>Nicosulfurone</td>
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<td>Propazine-2-hydroxy</td>
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<td>- ± -</td>
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<td>Terbutylyazine-2-hydroxy</td>
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<tr>
<td>Terbutylyazine-desethyl-2-hydroxy</td>
<td>µg/l</td>
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<td>Thiacloprid</td>
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<td>Thiamethoxam</td>
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<td>Thifensulfuron-methyl</td>
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<td>0.861 0.172</td>
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<td>Tolyfuanid</td>
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<td>Tribenuron-methyl</td>
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<td>Triclopyr</td>
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<td>0.438 0.092</td>
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<td>Triflusulfuron-Methyl</td>
<td>µg/l</td>
<td>0.407 ± 0.143</td>
<td>0.369 0.0811</td>
<td>0.15</td>
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<tr>
<td>Tritosulfuron</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.692 0.138</td>
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### Sample: PM02B

<table>
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<th>Parameter</th>
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<th>Target ± Cl(99%)</th>
<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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<tbody>
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<td>2,4-D (2,4-Dichlorophenoxyacetic acid)</td>
<td>µg/l</td>
<td>0.191 ± 0.0152</td>
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<td>2,6-Dichlorobenazonamide</td>
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<td>2-Amino-4-methoxy-6-methyl-1,3,5-triazine</td>
<td>µg/l</td>
<td>0.182 ± 0.0175</td>
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<td>0.09</td>
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<tr>
<td>3,5,6-Trichloro-2-pyridinol</td>
<td>µg/l</td>
<td>0.406 ± 0.183</td>
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<td>Alachlor</td>
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<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
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<tr>
<td>Parameter</td>
<td>Unit</td>
<td>Target ± CI(99%)</td>
<td>Result ± U</td>
<td>Criteria</td>
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<td>z-score</td>
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<tr>
<td>Alachlor-t-sulfonic acid (Alachlor-ESA)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>2.85 ± 0.627</td>
<td>- ± -</td>
<td>- ± -</td>
<td>- ± -</td>
</tr>
</tbody>
</table>
| Alachlor-t-acid (Alachlor-OA)                 | µg/l   | 0.475 ± 0.0605   | 0.52 ± 0.114 | 0.0533   | 110 ± 0.85
| Aldrin                                        | µg/l   | - ± -            | <0.01 (LOQ) | - ± -    | - ± -    | - ± -   |
| AMPA                                          | µg/l   | 0.715 ± 0.159    | 0.659 ± 0.152 | 0.175    | 92.1 ± 0.32
| Atrazine                                      | µg/l   | - ± -            | <0.025      | - ± -    | - ± -    | - ± -   |
| Atrazine-2-hydroxy                           | µg/l   | 1.52 ± 0.174     | 1.56 ± 0.327 | 0.153    | 103 ± 0.25
| Atrazine-desethyl                             | µg/l   | 0.212 ± 0.0153   | 0.206 ± 0.0412 | 0.0228  | 97 ± 0.28 |
| Atrazine-desethyl-desisopropyl               | µg/l   | 0.872 ± 0.204    | 0.872 ± 0.384 | 0.18    | 100 ± 0.00 |
| Atrazine-desisopropyl                        | µg/l   | 0.46 ± 0.0348    | 0.461 ± 0.0922 | 0.0493  | 100 ± 0.02 |
| Atrazine-Desethyl-Azoxyrobin                 | µg/l   | - ± -            | <0.025      | - ± -    | - ± -    | - ± -   |
| Atrazine-Desethyl-Desisopropyl               | µg/l   | - ± -            | 0.72 ± 0.137 | - ± -    | - ± -    | - ± -   |
| Bentazon                                      | µg/l   | - ± -            | <0.02 (LOQ) | - ± -    | - ± -    | - ± -   |
| Bromacil                                      | µg/l   | - ± -            | <0.025      | - ± -    | - ± -    | - ± -   |
| Chloridazon                                   | µg/l   | - ± -            | <0.025      | - ± -    | - ± -    | - ± -   |
| Chloridazon-desphenyl                         | µg/l   | 3.11 ± 0.194     | 3.31 ± 0.728 | 0.225    | 106 ± 0.88
| Chloridazon-methyl-desphenyl                 | µg/l   | 0.115 ± 0.00942  | 0.127 ± 0.019 | 0.0104  | 110 ± 1.13 |
| Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid) | µg/l   | - ± -            | 3.17 ± 1.24  | - ± -    | - ± -    | - ± -   |
| Chlorothalonil sulfonic acid (Chlorothalonil-ESA) | µg/l   | - ± -            | 1.76 ± 0.493 | - ± -    | - ± -    | - ± -   |
| Clompyralid                                   | µg/l   | - ± -            | <0.02 (LOQ) | - ± -    | - ± -    | - ± -   |
| Clothianidin                                  | µg/l   | - ± -            | <0.025      | - ± -    | - ± -    | - ± -   |
| Dicamba                                       | µg/l   | - ± -            | <0.02 (LOQ) | - ± -    | - ± -    | - ± -   |
| Dichlorprop                                   | µg/l   | 0.222 ± 0.0162   | 0.235 ± 0.0376 | 0.023   | 106 ± 0.57 |
| Dieldrin                                      | µg/l   | - ± -            | <0.01 (LOQ) | - ± -    | - ± -    | - ± -   |
| Dimethachlor                                  | µg/l   | - ± -            | <0.025      | - ± -    | - ± -    | - ± -   |
| Dimethachlor ethane sulfonic acid (CGA 354742, Dimethachlor-ESA) | µg/l   | 0.462 ± 0.0516   | 0.449 ± 0.0628 | 0.0516  | 97.2 ± 0.25
| Dimethachlor oxalamic acid (CGA 50266, Dimethachlor-OA) | µg/l   | 0.2 ± 0.0487     | 0.192 ± 0.0403 | 0.0429  | 95.9 ± 0.19 |
| Dimethachlor Metabolite - CGA 369873          | µg/l   | - ± -            | 0.119 ± 0.0286 | - ± -    | - ± -    | - ± -   |
| Dimethachlor Metabolite - CGA 373464 (acetic acid methyl ester) | µg/l   | - ± -            | 0.618 ± 0.142 | - ± -    | - ± -    | - ± -   |
| Dimethachlor Metabolite - CGA 373464 (free acid) | µg/l   | - ± -            | - ± -        | - ± -    | - ± -    | - ± -   |
| Dimethenamide                                 | µg/l   | - ± -            | <0.025      | - ± -    | - ± -    | - ± -   |
| Dimethenamide-P-sulfonic acid                 | µg/l   | 0.911 ± 0.187    | 0.98 ± 0.255 | 0.197    | 108 ± 0.35

565/715
<table>
<thead>
<tr>
<th>Parameter</th>
<th>Unit</th>
<th>Target ± CI(99%)</th>
<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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<td>(Dimethenamid-ESA)</td>
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<td>Dimethenamid-P-acid (Dimethenamid-OA)</td>
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<td>Ethofumesate</td>
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<td>Flufenacet sulfonic acid (Flufenacet-ESA)</td>
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<td>Flufenacet oxanilic acid (Flufenacet-OA)</td>
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<td>0.191 ± 0.0874</td>
<td>0.169 ± 0.0304</td>
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<td>Hexazinone</td>
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<td>Imidacloprid</td>
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<td>Isoproturon</td>
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<td>MCPP (Mecoprop)</td>
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<td>Metamitron</td>
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<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.025</td>
<td>-</td>
<td>-</td>
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<tr>
<td>Metazachlor ethane sulfonic acid (Metazachlor-ESA)</td>
<td>µg/l</td>
<td>2.77 ± 0.367</td>
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<td>0.441</td>
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<td>0.85</td>
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<tr>
<td>Metazachlor oxanilic acid (Metazachlor-OA)</td>
<td>µg/l</td>
<td>1.32 ± 0.202</td>
<td>1.57 ± 0.315</td>
<td>0.233</td>
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<td>1.07</td>
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<tr>
<td>Metolachlor</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.025</td>
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<tr>
<td>Metribuzin</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.025</td>
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<tr>
<td>Metribuzin-desamino</td>
<td>µg/l</td>
<td>0.256 ± 0.0346</td>
<td>0.263 ± 0.0263</td>
<td>0.0305</td>
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<td>0.23</td>
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<td>Metsulfuron-methyl</td>
<td>µg/l</td>
<td>- ± -</td>
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<tr>
<td>N,N-Dimethylsulfamide (DMS)</td>
<td>µg/l</td>
<td>1.07 ± 0.217</td>
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<td>Nicosulfuron</td>
<td>µg/l</td>
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<td>Nipoxamid</td>
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<td>- ± -</td>
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<tr>
<td>Propazine</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.025</td>
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<tr>
<td>Propazine-2-hydroxy</td>
<td>µg/l</td>
<td>0.205 ± 0.0224</td>
<td>0.23 ± 0.053</td>
<td>0.0183</td>
<td>112</td>
<td>1.37</td>
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<tr>
<td>Propiconazole</td>
<td>µg/l</td>
<td>0.363 ± 0.0362</td>
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<td>0.0482</td>
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<tr>
<td>Parameter</td>
<td>Unit</td>
<td>Target ± CI(99%)</td>
<td>Result ± U</td>
<td>Criteria</td>
<td>Recovery</td>
<td>z-score</td>
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<td>s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)</td>
<td>µg/l</td>
<td>2.75 ± 0.245</td>
<td>2.69 ± 0.431</td>
<td>0.317</td>
<td>97.9</td>
<td>-0.18</td>
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<tr>
<td>s-Metolachlor oxanilic acid (Metolachlor-OA)</td>
<td>µg/l</td>
<td>1.09 ± 0.142</td>
<td>1.06 ± 0.295</td>
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<tr>
<td>s-Metolachlor Metabolite CGA 368208</td>
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<td>0.363 ± 0.0654</td>
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<tr>
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<tr>
<td>Simazine</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.025 ± -</td>
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<tr>
<td>Terbuthylazine</td>
<td>µg/l</td>
<td>0.204 ± 0.0276</td>
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<td>0.0244</td>
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<td>Terbuthylazine-2-hydroxy</td>
<td>µg/l</td>
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<td>Terbuthylazine-desethyl-2-hydroxy</td>
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<td>0.386 ± 0.162</td>
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<tr>
<td>Simazine</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.025 ± -</td>
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<td>Thiacloprid</td>
<td>µg/l</td>
<td>0.504 ± 0.0313</td>
<td>0.519 ± 0.0778</td>
<td>0.0417</td>
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<td>Thiamefloxam</td>
<td>µg/l</td>
<td>0.128 ± 0.0118</td>
<td>0.149 ± 0.0299</td>
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<tr>
<td>Tolyfluanid</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
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<td>µg/l</td>
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<td>Triclopyr</td>
<td>µg/l</td>
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<td>Tolylfluanid</td>
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Laboratory oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

The following results were achieved:

<table>
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<tr>
<th>Parameter</th>
<th>Unit</th>
<th>Target ± CI(99%)</th>
<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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<td>2,4-D (2,4-Dichlorophenoxyacetic acid)</td>
<td>µg/l</td>
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<td>2,6-Dichlorobenzamide</td>
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<td>0.883 ± 0.0593</td>
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<td>2-Amino-4-methoxy-6-methyl-1,3,5-triazine</td>
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<td>- ± -</td>
<td>- ± -</td>
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<tr>
<td>3,5,6-Trichloro-2-pyridinol</td>
<td>µg/l</td>
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<td>- ± -</td>
<td>- ± -</td>
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<tr>
<td>Alachlor</td>
<td>µg/l</td>
<td>0.5 ± 0.0649</td>
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<td>Alachlor-t-sulfonic acid (Alachlor-ESA)</td>
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<td>- ± -</td>
<td>- ± -</td>
<td>- ± -</td>
<td>- ± -</td>
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<td>Alachlor-t-acid (Alachlor-OA)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>- ± -</td>
<td>- ± -</td>
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<td>Atrazine</td>
<td>µg/l</td>
<td>0.154 ± 0.00877</td>
<td>0.159 ± 0.02</td>
<td>0.0137</td>
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<td>Atrazine-2-hydroxy</td>
<td>µg/l</td>
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<td>- ± -</td>
<td>- ± -</td>
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<tr>
<td>Atrazine-desethyl</td>
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<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
<td>- ± -</td>
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<tr>
<td>Atrazine-desethyl-desisopropyl</td>
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<td>- ± -</td>
<td>- ± -</td>
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<td>Atrazine-desisopropyl</td>
<td>µg/l</td>
<td>- ± -</td>
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<td>Azoxystrobin-O-demethyl (CyPM)</td>
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<tr>
<td>Bentazon</td>
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<td>0.091 ± 0.032</td>
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<td>Bromacil</td>
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<td>- ± -</td>
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<td>Chloridazon</td>
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<td>Chloridazon-desphenyl</td>
<td>µg/l</td>
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<td>- ± -</td>
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<td>- ± -</td>
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<tr>
<td>Chloridazon-methyl-desphenyl</td>
<td>µg/l</td>
<td>- ± -</td>
<td>- ± -</td>
<td>- ± -</td>
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<td>- ± -</td>
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<tr>
<td>Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)</td>
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<td>- ± -</td>
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<td>Chlorothalonil sulfonic acid (Chlorothalonil-ESA)</td>
<td>µg/l</td>
<td>- ± -</td>
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<td>- ± -</td>
<td>- ± -</td>
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<tr>
<td>Clopyralid</td>
<td>µg/l</td>
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<td>Clothianidin</td>
<td>µg/l</td>
<td>0.162 ± 0.0146</td>
<td>0.171 ± 0.014</td>
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<td>Dicamba</td>
<td>µg/l</td>
<td>0.683 ± 0.0311</td>
<td>0.664 ± 0.117</td>
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<td>Dichlorprop</td>
<td>µg/l</td>
<td>0.606 ± 0.0444</td>
<td>0.589 ± 0.02</td>
<td>0.0662</td>
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<td>Dieldrin</td>
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<td>Dimethachlor</td>
<td>µg/l</td>
<td>0.432 ± 0.0351</td>
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<tr>
<td>Dimethachlor ethane sulfonic acid (CGA 354742, Dimethachlor-ESA)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>- ± -</td>
<td>- ± -</td>
<td>- ± -</td>
<td>- ± -</td>
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<tr>
<td>Parameter</td>
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<td>Target GI</td>
<td>± CI(99%)</td>
<td>Result GI</td>
<td>± U</td>
<td>Criteria</td>
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<tr>
<td>Dimethachlor oxalamic acid (CGA 50266, Dimethachlor-OA)</td>
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<tr>
<td>Dimethachlor Metabolite - CGA 373464 (acetic acid methyl ester)</td>
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<tr>
<td>Diuron</td>
<td>µg/l</td>
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<td>µg/l</td>
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<td>Flufenacet</td>
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<td>µg/l</td>
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<td>Flufenacet oxanilic acid (Flufenacet-OA)</td>
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<td>Glufosinate</td>
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<td>0.126 0.004</td>
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<td>Glyphosate</td>
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<td>Heptachlor</td>
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<td>- ±</td>
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<td>Hexazinone</td>
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<td>0.202 0.001</td>
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<td>Imidacloprid</td>
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<td>0.307 ± 0.0287</td>
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<td>Iodosulfuron-methyl</td>
<td>µg/l</td>
<td>0.405 ± 0.0469</td>
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<td>µg/l</td>
<td>0.301 ± 0.0199</td>
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<td>Isoproturon-desmethyl</td>
<td>µg/l</td>
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<tr>
<td>MCPA</td>
<td>µg/l</td>
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<td>0.255 0.1</td>
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<td>MCPP</td>
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<td>MCPP (Mecoprop)</td>
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<td>Metamitron</td>
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<td>Metazachlor</td>
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<td>Metazachlor ethane sulfonic acid (Metazachlor-ESA)</td>
<td>µg/l</td>
<td>- ±</td>
<td>-</td>
<td>-</td>
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<td>Metazachlor oxanilic acid (Metazachlor-OA)</td>
<td>µg/l</td>
<td>- ±</td>
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<td>Metribuzin</td>
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<td>- -   0.0113</td>
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<tr>
<td>Parameter</td>
<td>Unit</td>
<td>Target ± CI(99%)</td>
<td>Result ± U</td>
<td>Criteria</td>
<td>Recovery</td>
<td>z-score</td>
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<td>Metsulfuron-methyl</td>
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<td>N,N-Dimethylsulfamide (DMS)</td>
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<td>Nicosulfuron</td>
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<td>Propazine</td>
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<td>Propazine-2-hydroxy</td>
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<tr>
<td>Propiconazole</td>
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<td>Simazine</td>
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<td>Terbuthylazine</td>
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<td>Terbuthylazine-2-hydroxy</td>
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<td>Tolyfluanid</td>
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Sample: PM02B

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<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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<tbody>
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<td>2,4-D (2,4-Dichlorophenoxyaceticacid)</td>
<td>µg/l</td>
<td>0.191 ± 0.0152</td>
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<td>2,6-Dichlorobenzamide</td>
<td>µg/l</td>
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<td>2-Amino-4-methoxy-6-methyl-1,3,5-triazine</td>
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<td>Atrazine</td>
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<td>Atrazine-desethyl</td>
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<td>Azoxystrobin</td>
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<td>Azoxystrobin-O-demethyl (CyPM)</td>
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<td>Bentazone</td>
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<td>Chloridazon</td>
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<td>Chloridazon-desphenyl</td>
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<td>Chlorothalonil sulfonic acid (Chlorothalonil-ESA)</td>
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<td>Clopyralid</td>
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<td>Dimethachlor Metabolite - CGA 373464 (acetic acid methyl ester)</td>
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<td>Dimethenamide</td>
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<td>Recovery</td>
<td>z-score</td>
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<td>(Dimethenamid-ESA)</td>
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<td>Metazachlor</td>
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<td>Target ± CI(99%)</td>
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<td>2.75 ± 0.245</td>
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<tr>
<td>Simazine</td>
<td>µg/l</td>
<td>- ±</td>
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<td>Terbuthylazine</td>
<td>µg/l</td>
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<td>Thiacloprid</td>
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<td>Thiamethoxam</td>
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Laboratory oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Laboratory: LC0006

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<td>Atrazine</td>
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<td>Bentazone</td>
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<td>Clothianidin</td>
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<td>Simazine</td>
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<td>Terbutylazine</td>
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z-score

-2 0 2 -2 0 2
The following results were achieved:

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<tr>
<th>Parameter</th>
<th>Unit</th>
<th>Target ± CI(99%)</th>
<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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<td>2,4-D (2,4-Dichlorophenoxyacetic acid)</td>
<td>µg/l</td>
<td>0.303 ± 0.022</td>
<td>0.277 0.097 0.0327</td>
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<td>2,6-Dichlorobenzamide</td>
<td>µg/l</td>
<td>0.883 ± 0.0503</td>
<td>0.78 0.269 0.0884</td>
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<td>2-Amino-4-methoxy-6-methyl-1,3,5-triazine</td>
<td>µg/l</td>
<td>- ± -</td>
<td>0.038 0.013</td>
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<td>3,5,6-Trichloro-2-pyridinol</td>
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<td>0.099 0.035</td>
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<td>Alachlor</td>
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<td>0.428 0.15 0.0838</td>
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<td>Alachlor-t-sulfonic acid (Alachlor-ESA)</td>
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<td>- ± -</td>
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<tr>
<td>Alachlor-t-acid (Alachlor-OA)</td>
<td>µg/l</td>
<td>- ± -</td>
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<td>Aldrin</td>
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<td>0.0379 ± 0.00855</td>
<td>0.035 0.012 0.00855</td>
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<td>&lt;0.01 (LOQ)</td>
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<td>Atrazine-2-hydroxy</td>
<td>µg/l</td>
<td>0.154 ± 0.00877</td>
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<tr>
<td>Atrazine-desethyl</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.02 (LOQ)</td>
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<tr>
<td>Atrazine-desethyl-desisopropyl</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.02 (LOQ)</td>
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<tr>
<td>Atrazine-desisopropyl</td>
<td>µg/l</td>
<td>- ± -</td>
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<tr>
<td>Azoxystrobin</td>
<td>µg/l</td>
<td>0.141 ± 0.0175</td>
<td>0.117 0.041 0.0226</td>
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<td>Azoxystrobin-O-demethyl (CyPM)</td>
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<tr>
<td>Bentazone</td>
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<td>0.091 ± 0.00744</td>
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<td>Bromacil</td>
<td>µg/l</td>
<td>0.164 ± 0.0144</td>
<td>0.16 0.056 0.0152</td>
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<tr>
<td>Chloridazon</td>
<td>µg/l</td>
<td>0.0873 ± 0.00567</td>
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<td>Chloridazon-desphenyl</td>
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<td>Chloridazon-methyl-desphenyl</td>
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<td>Chlorothalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)</td>
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<td>Clopyralid</td>
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<td>Clothianidin</td>
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<td>0.155 0.054 0.0162</td>
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<td>Dieldrin</td>
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<td>Dimethachlor</td>
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<td>Dimethachlor ethane sulfonic acid (CGA 354742, Dimethachlor-ESA)</td>
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<td>Parameter</td>
<td>Unit</td>
<td>Target</td>
<td>± CI(99%)</td>
<td>Result</td>
<td>± U</td>
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<td>(CGA 50266, Dimethachlor-OA)</td>
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<td>Dimethenamid-P-acid (Dimethenamid-OA)</td>
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<td>Dicloran</td>
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<td>Flufenacet</td>
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<tr>
<td>MCPA</td>
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<td>MCPP (Mecoprop)</td>
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<td>0.118 ± 0.00973</td>
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<td>Mesosulfuron-methyl</td>
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<td>0.203</td>
<td>0.071</td>
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<td>Metalaxyl</td>
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<td>0.0524</td>
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<td>Metamitroton</td>
<td>µg/l</td>
<td>0.51 ± 0.0476</td>
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<td>0.0673</td>
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<td>Metazachlor</td>
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<td>0.25</td>
<td>0.087</td>
<td>0.0093</td>
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<td>Metazachlor ethane sulfonic acid (Metazachlor-ESA)</td>
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<td>- ±</td>
<td>&lt;0.02 (LOQ)</td>
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<tr>
<td>Metazachlor oxanilic acid (Metazachlor-OA)</td>
<td>µg/l</td>
<td>- ±</td>
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<tr>
<td>Metolachlor</td>
<td>µg/l</td>
<td>0.403 ± 0.0313</td>
<td>0.383</td>
<td>0.134</td>
<td>0.0489</td>
<td>95</td>
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<tr>
<td>Metribuzin</td>
<td>µg/l</td>
<td>0.0895 ± 0.00875</td>
<td>0.088</td>
<td>0.031</td>
<td>0.0113</td>
<td>98.3</td>
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<td>Parameter</td>
<td>Unit</td>
<td>Target ±</td>
<td>Cl(99%)</td>
<td>Result ±</td>
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<td>Metribuzin-desamino</td>
<td>µg/l</td>
<td>- ±</td>
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<td>- ±</td>
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<td>Pethoxamid</td>
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<td>Propazine-2-hydroxy</td>
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<td>Propiconazole</td>
<td>µg/l</td>
<td>0.152 ±</td>
<td>0.0146</td>
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<td>Simazine</td>
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<td>Thiacloprid</td>
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<td>Tolyfluanid</td>
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<td>Triclopyr</td>
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**Sample: PM02B**

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<th>Cl(99%)</th>
<th>Result ±</th>
<th>U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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<td>2,4-D (2,4-Dichlorophenoxaceticacid)</td>
<td>µg/l</td>
<td>0.191 ±</td>
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<td>2,6-Dichlorobenzamide</td>
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<td>2-Amino-4-methoxy-6-methyl-1,3,5-triazine</td>
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<td>3,5,6-Trichloro-2-pyridinol</td>
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<td>Result ± U</td>
<td>Criteria</td>
<td>Recovery</td>
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<td>AMPA</td>
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<td>Atrazine-2-hydroxy</td>
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<td>Atrazine-desethyl-desisopropyl</td>
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<td>Azoxytrobine</td>
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<td>Bromacil</td>
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<td>Chloridazon</td>
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<td>Chloridazon-desphenyl</td>
<td>µg/l</td>
<td>3.11 ± 0.194</td>
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<td>Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)</td>
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<td>Dicamba</td>
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<td>Dichlorprop</td>
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<td>Dieldrin</td>
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<td>Dimethachlor</td>
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<td>- ± -</td>
<td>&lt;0.02 (LOQ)</td>
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<td>Dimethachlor ethane sulfonic acid (CGA 354742, Dimethachlor-ESA)</td>
<td>µg/l</td>
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<td>Dimethachlor Metabolite - CGA 373464 (acetic acid methyl ester)</td>
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<td>(Dimethenamid-ESA)</td>
<td>mg/L</td>
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<td>Flufenacet sulfonic acid (Flufenacet-ESA)</td>
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<td>Flufenacet oxanilic acid (Flufenacet-OA)</td>
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<tr>
<td>Isoproturon-desmethyl</td>
<td>mg/L</td>
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<td>0.139 ± 0.049</td>
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<tr>
<td>MCPP</td>
<td>mg/L</td>
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<tr>
<td>Metolachlor</td>
<td>mg/L</td>
<td>2.77 ± 0.367</td>
<td>2.394 ± 0.958</td>
<td>0.441</td>
<td>86.5</td>
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<tr>
<td>Metolachlor oxanilic acid (Metolachlor-OA)</td>
<td>mg/L</td>
<td>1.32 ± 0.202</td>
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<td>0.233</td>
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<td>Metribuzin</td>
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<td>Metribuzin-desamino</td>
<td>mg/L</td>
<td>0.256 ± 0.0346</td>
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<td>0.0305</td>
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<td>Metsulfuron-methyl</td>
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<tr>
<td>N,N-Dimethylsulfamide (DMS)</td>
<td>mg/L</td>
<td>1.07 ± 0.217</td>
<td>1.068 ± 0.427</td>
<td>0.205</td>
<td>100</td>
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<td>Nicosulfuron</td>
<td>mg/L</td>
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<td>Pethoxamid</td>
<td>mg/L</td>
<td>- ± -</td>
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<td>Propazine</td>
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<td>Propazine-2-hydroxy</td>
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<td>0.205 ± 0.0224</td>
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<td>Propiconazole</td>
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<td>Result ± U</td>
<td>Criteria</td>
<td>Recovery</td>
<td>z-score</td>
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<td>s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)</td>
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<td>Simazine</td>
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<td>Terbuthylazine</td>
<td>µg/l</td>
<td>- ± &lt;0.02 (LOQ)</td>
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<tr>
<td>Terbuthylazine-2-hydroxy</td>
<td>µg/l</td>
<td>0.204 ± 0.0276</td>
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<td>0.0244</td>
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<tr>
<td>Terbuthylazine-desethyl-2-hydroxy</td>
<td>µg/l</td>
<td>0.122 ± 0.0256</td>
<td>0.104</td>
<td>0.037</td>
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<td>Terbuthylazine-desethyl</td>
<td>µg/l</td>
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<tr>
<td>Thiacloprid</td>
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<tr>
<td>Thiamethoxam</td>
<td>µg/l</td>
<td>0.128 ± 0.0118</td>
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<td>Tolyfluanide</td>
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<tr>
<td>Triclopyr</td>
<td>µg/l</td>
<td>- ± &lt;0.02 (LOQ)</td>
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<td>Triflusulfuron-Methyl</td>
<td>µg/l</td>
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<tr>
<td>Tritosulfuron</td>
<td>µg/l</td>
<td>- ± &lt;0.02 (LOQ)</td>
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The following results were achieved:

### Sample: PM02A

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<tr>
<th>Parameter</th>
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<th>Target ± CI(99%)</th>
<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,4-D (2,4-Dichlorophenoxyacetic acid)</td>
<td>µg/l</td>
<td>0.303 ± 0.022</td>
<td>0.297 ± 0.045</td>
<td>0.0327</td>
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<tr>
<td>2,6-Dichlorobenzamide</td>
<td>µg/l</td>
<td>0.883 ± 0.0593</td>
<td>0.88 ± 0.132</td>
<td>0.0884</td>
<td>99.7</td>
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<tr>
<td>2-Amino-4-methoxy-6-methyl-1,3,5-triazine</td>
<td>µg/l</td>
<td>- ± -</td>
<td>0.036 ± 0.005</td>
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<tr>
<td>3,5,6-Trichloro-2-pyridinol</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.03 (LOQ)</td>
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<tr>
<td>Alachlor</td>
<td>µg/l</td>
<td>0.5 ± 0.0649</td>
<td>0.486 ± 0.073</td>
<td>0.0838</td>
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<td>-0.17</td>
</tr>
<tr>
<td>Alachlor-t-sulfonic acid (Alachlor-ESA)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.03 (LOQ)</td>
<td>-</td>
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<tr>
<td>Alachlor-t-acid (Alachlor-OA)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.03 (LOQ)</td>
<td>-</td>
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<tr>
<td>Aldrin</td>
<td>µg/l</td>
<td>0.0379 ± 0.00855</td>
<td>0.037 ± 0.006</td>
<td>0.00855</td>
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<td>-0.11</td>
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<tr>
<td>AMPA</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.03 (LOQ)</td>
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<tr>
<td>Atrazine</td>
<td>µg/l</td>
<td>0.154 ± 0.00877</td>
<td>0.148 ± 0.022</td>
<td>0.0137</td>
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<td>-0.45</td>
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<tr>
<td>Atrazine-2-hydroxy</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.03 (LOQ)</td>
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<tr>
<td>Atrazine-desethyl</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.03 (LOQ)</td>
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<tr>
<td>Atrazine-desethyl-desisopropyl</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.03 (LOQ)</td>
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<tr>
<td>Atrazine-desisopropyl</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.03 (LOQ)</td>
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<tr>
<td>Azoxystrobin</td>
<td>µg/l</td>
<td>0.141 ± 0.0175</td>
<td>0.123 ± 0.018</td>
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<td>Azoxystrobin-O-demethyl (CyPM)</td>
<td>µg/l</td>
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<tr>
<td>Bentazone</td>
<td>µg/l</td>
<td>0.091 ± 0.00744</td>
<td>0.087 ± 0.013</td>
<td>0.0116</td>
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<tr>
<td>Bromacil</td>
<td>µg/l</td>
<td>0.164 ± 0.0144</td>
<td>0.158 ± 0.024</td>
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<td>Chloridazon</td>
<td>µg/l</td>
<td>0.0873 ± 0.00567</td>
<td>0.084 ± 0.013</td>
<td>0.00756</td>
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<tr>
<td>Chloridazon-desphenyl</td>
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<tr>
<td>Chloridazon-methyl-desphenyl</td>
<td>µg/l</td>
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<tr>
<td>Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)</td>
<td>µg/l</td>
<td>- ± -</td>
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<tr>
<td>Chlorothalonil sulfonic acid (Chlorothalonil-ESA)</td>
<td>µg/l</td>
<td>- ± -</td>
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<tr>
<td>Clopyralid</td>
<td>µg/l</td>
<td>0.351 ± 0.0762</td>
<td>0.356 ± 0.053</td>
<td>0.0718</td>
<td>102</td>
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<tr>
<td>Clothianidin</td>
<td>µg/l</td>
<td>0.162 ± 0.0146</td>
<td>0.154 ± 0.023</td>
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<tr>
<td>Dicamba</td>
<td>µg/l</td>
<td>0.683 ± 0.0311</td>
<td>0.699 ± 0.105</td>
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<tr>
<td>Dichlorprop</td>
<td>µg/l</td>
<td>0.606 ± 0.0444</td>
<td>0.607 ± 0.091</td>
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<td>Dieldrin</td>
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<td>0.06 ± 0.0154</td>
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<tr>
<td>Dimethachlor</td>
<td>µg/l</td>
<td>0.432 ± 0.0351</td>
<td>0.444 ± 0.067</td>
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<tr>
<td>Dimethachlor ethane sulfonic acid (CGA 354742, Dimethachlor-ESA)</td>
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<td>- ± -</td>
<td>&lt;0.03 (LOQ)</td>
<td>-</td>
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</table>

This report was created with PROLab, a software by QuoData: http://www.quodata.de/
<table>
<thead>
<tr>
<th>Parameter</th>
<th>Unit</th>
<th>Target ± C1(99%)</th>
<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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<tbody>
<tr>
<td>Dimethachlor oxalamic acid (CGA 50266, Dimethachlor-OA)</td>
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<td>- ± -</td>
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<td>Dimethachlor Metabolite - CGA 369873</td>
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<td>- ± -</td>
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<tr>
<td>Dimethachlor Metabolite - CGA 373464 (acetic acid methyl ester)</td>
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<td>- ± -</td>
<td>&lt;0.03 (LOQ)</td>
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<td>Dimethachlor Metabolite - CGA 373464 (free acid)</td>
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<td>Dimethenamide</td>
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<td>- ± -</td>
<td>&lt;0.03 (LOQ)</td>
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<td>Dimethenamid-P-acid (Dimethenamid-OA)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.03 (LOQ)</td>
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<td>Diclofop</td>
<td>µg/l</td>
<td>0.295 ± 0.0188</td>
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<td>Ethofumesate</td>
<td>µg/l</td>
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<tr>
<td>Flufenacet</td>
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<td>0.43 ± 0.0434</td>
<td>0.411</td>
<td>0.062</td>
<td>0.056</td>
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<tr>
<td>Flufenacet sulfonic acid (Flufenacet-ESA)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.03 (LOQ)</td>
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<tr>
<td>Flufenacet oxanilic acid (Flufenacet-OA)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.03 (LOQ)</td>
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<tr>
<td>Glufosinate</td>
<td>µg/l</td>
<td>0.148 ± 0.0493</td>
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<td>Glyphosate</td>
<td>µg/l</td>
<td>0.366 ± 0.0555</td>
<td>0.326</td>
<td>0.049</td>
<td>0.0641</td>
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<tr>
<td>Heptachlor</td>
<td>µg/l</td>
<td>0.0486 ± 0.0266</td>
<td>0.01</td>
<td>0.002</td>
<td>0.0281</td>
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<td>Heptachlor epoxid</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.009</td>
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<td>Hexazinone</td>
<td>µg/l</td>
<td>0.22 ± 0.0201</td>
<td>0.234</td>
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<td>0.0268</td>
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<tr>
<td>Imidacloprid</td>
<td>µg/l</td>
<td>0.307 ± 0.0287</td>
<td>0.318</td>
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<tr>
<td>Iodosulfuron-methyl</td>
<td>µg/l</td>
<td>0.405 ± 0.0469</td>
<td>0.37</td>
<td>0.056</td>
<td>0.0518</td>
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<td>Isoproturon</td>
<td>µg/l</td>
<td>0.301 ± 0.0199</td>
<td>0.286</td>
<td>0.043</td>
<td>0.0303</td>
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</tr>
<tr>
<td>Isoproturon-desmethyl</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.03 (LOQ)</td>
<td>-</td>
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<tr>
<td>MCPA</td>
<td>µg/l</td>
<td>0.237 ± 0.0108</td>
<td>0.234</td>
<td>0.035</td>
<td>0.0161</td>
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<tr>
<td>MCPB</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.03 (LOQ)</td>
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<tr>
<td>MCPB (Mecoprop)</td>
<td>µg/l</td>
<td>0.118 ± 0.00973</td>
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<td>Mesosulfuron-methyl</td>
<td>µg/l</td>
<td>0.228 ± 0.0255</td>
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<td>0.0241</td>
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<tr>
<td>Metalaxyl</td>
<td>µg/l</td>
<td>0.533 ± 0.0393</td>
<td>0.541</td>
<td>0.081</td>
<td>0.0524</td>
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<tr>
<td>Metamitron</td>
<td>µg/l</td>
<td>0.51 ± 0.0476</td>
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<td>Metazachlor</td>
<td>µg/l</td>
<td>0.26 ± 0.00676</td>
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<td>0.04</td>
<td>0.0093</td>
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<tr>
<td>Metazachlor ethane sulfonic acid (Metazachlor-ESA)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.03 (LOQ)</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Metazachlor oxanilic acid (Metazachlor-OA)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.03 (LOQ)</td>
<td>-</td>
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<td>-</td>
</tr>
<tr>
<td>Metolachlor</td>
<td>µg/l</td>
<td>0.403 ± 0.0313</td>
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<td>0.063</td>
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<tr>
<td>Metribuzin</td>
<td>µg/l</td>
<td>0.0895 ± 0.00875</td>
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<td>0.012</td>
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## Laboratory oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Unit</th>
<th>Target ± CI(99%)</th>
<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metribuzin-desamino</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.03 (LOQ)</td>
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<tr>
<td>Metsulfuron-methyl</td>
<td>µg/l</td>
<td>0.254 ± 0.0343</td>
<td>0.224 0.034</td>
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<tr>
<td>N,N-Dimethylsulfamide (DMS)</td>
<td>µg/l</td>
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<tr>
<td>Nicosulfuron</td>
<td>µg/l</td>
<td>0.919 ± 0.222</td>
<td>1.048 0.157</td>
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<tr>
<td>Pethoxamid</td>
<td>µg/l</td>
<td>0.176 ± 0.0111</td>
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<tr>
<td>Propazine</td>
<td>µg/l</td>
<td>0.49 ± 0.0258</td>
<td>0.487 0.073</td>
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<td>Propazine-2-hydroxy</td>
<td>µg/l</td>
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<tr>
<td>Propiconazole</td>
<td>µg/l</td>
<td>0.152 ± 0.0146</td>
<td>0.125 0.019</td>
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<td>s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.03 (LOQ)</td>
<td>-</td>
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<tr>
<td>s-Metolachlor oxanilic acid (Metolachlor-OA)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.03 (LOQ)</td>
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<tr>
<td>s-Metolachlor Metabolite CGA 368208</td>
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<tr>
<td>s-Metolachlor Metabolite NOA 413173</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.03 (LOQ)</td>
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<tr>
<td>Simazine</td>
<td>µg/l</td>
<td>0.123 ± 0.00681</td>
<td>0.121 0.018</td>
<td>0.00963</td>
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<tr>
<td>Terbutylazine</td>
<td>µg/l</td>
<td>0.254 ± 0.0165</td>
<td>0.253 0.038</td>
<td>0.0258</td>
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<tr>
<td>Terbutylazine-2-hydroxy</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.03 (LOQ)</td>
<td>-</td>
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<tr>
<td>Terbutylazine-desethyl-2-hydroxy</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.03 (LOQ)</td>
<td>-</td>
<td>-</td>
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<tr>
<td>Terbutylazine-desethyl</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.03 (LOQ)</td>
<td>-</td>
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<tr>
<td>Thiacloprid</td>
<td>µg/l</td>
<td>0.295 ± 0.0181</td>
<td>0.281 0.042</td>
<td>0.0217</td>
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<tr>
<td>Thiamethoxam</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.03 (LOQ)</td>
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<tr>
<td>Thifensulfuron-methyl</td>
<td>µg/l</td>
<td>0.765 ± 0.0774</td>
<td>0.679 0.102</td>
<td>0.0931</td>
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<tr>
<td>Tolyfluanid</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.03 (LOQ)</td>
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<td>-</td>
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<tr>
<td>Tribenuron-methyl</td>
<td>µg/l</td>
<td>0.154 ± 0.0906</td>
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<td>0.0955</td>
<td>81.3</td>
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<tr>
<td>Triclopyr</td>
<td>µg/l</td>
<td>0.48 ± 0.0503</td>
<td>0.47 0.071</td>
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<tr>
<td>Triflusulfuron-Methyl</td>
<td>µg/l</td>
<td>0.407 ± 0.143</td>
<td>0.354 0.053</td>
<td>0.15</td>
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<tr>
<td>Tritosulfuron</td>
<td>µg/l</td>
<td>- ± -</td>
<td>0.577 0.087</td>
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### Sample: PM02B

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<tr>
<th>Parameter</th>
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<th>Target ± CI(99%)</th>
<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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<tbody>
<tr>
<td>2,4-D (2,4-Dichlorophenoxyacetic acid)</td>
<td>µg/l</td>
<td>0.191 ± 0.0152</td>
<td>0.172 0.026</td>
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<td>2,6-Dichlorobenzamide</td>
<td>µg/l</td>
<td>2.53 ± 0.132</td>
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<td>0.192</td>
<td>100</td>
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<tr>
<td>2-Amino-4-methoxy-6-methyl-1,3,5-triazine</td>
<td>µg/l</td>
<td>0.182 ± 0.0175</td>
<td>0.175 0.026</td>
<td>0.0143</td>
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<tr>
<td>3,5,6-Trichloro-2-pyridinol</td>
<td>µg/l</td>
<td>0.406 ± 0.183</td>
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<tr>
<td>Alachlor</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.03 (LOQ)</td>
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</table>

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<table>
<thead>
<tr>
<th>Parameter</th>
<th>Unit</th>
<th>Target ± CI(99%)</th>
<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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<tbody>
<tr>
<td>Alachlor-t-sulfonic acid (Alachlor-ESA)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>3.13</td>
<td>0.469</td>
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<tr>
<td>Alachlor-t-acid (Alachlor-OA)</td>
<td>µg/l</td>
<td>0.475 ± 0.0605</td>
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<tr>
<td>Aldrin</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.009</td>
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<tr>
<td>AMPA</td>
<td>µg/l</td>
<td>0.715 ± 0.159</td>
<td>&lt;0.03 (LOQ)</td>
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<td>0.175</td>
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</tr>
<tr>
<td>Atrazine</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.03 (LOQ)</td>
<td>-</td>
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<tr>
<td>Atrazine-2-hydroxy</td>
<td>µg/l</td>
<td>1.52 ± 0.174</td>
<td>1.435</td>
<td>0.215</td>
<td>0.153</td>
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<tr>
<td>Atrazine-desethyl</td>
<td>µg/l</td>
<td>0.212 ± 0.0153</td>
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<td>0.03</td>
<td>0.0228</td>
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<tr>
<td>Atrazine-desethyl-desisopropyl</td>
<td>µg/l</td>
<td>0.872 ± 0.204</td>
<td>0.864</td>
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<td>Atrazine-desisopropyl</td>
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<td>0.46 ± 0.0348</td>
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<tr>
<td>Azoxystrobin</td>
<td>µg/l</td>
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<td>Azoxystrobin-O-demethyl (CyPM)</td>
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<td>0.846</td>
<td>0.127</td>
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<tr>
<td>Bentazone</td>
<td>µg/l</td>
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<tr>
<td>Bromacil</td>
<td>µg/l</td>
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<tr>
<td>Chloridazon</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.03 (LOQ)</td>
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<tr>
<td>Chloridazon-desphenyl</td>
<td>µg/l</td>
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<tr>
<td>Chloridazon-methyl-desphenyl</td>
<td>µg/l</td>
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<tr>
<td>Chlorothalonil Metabolite R611965</td>
<td>µg/l</td>
<td>- ± -</td>
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<tr>
<td>Chlorothalonil sulfonic acid (Chlorothalonil-ESA)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>-</td>
<td>-</td>
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<tr>
<td>Dicamba</td>
<td>µg/l</td>
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<tr>
<td>Dichlorphenoxydine</td>
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<td>Dichlorprop</td>
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<td>0.222 ± 0.0162</td>
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<tr>
<td>Dieldrin</td>
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<td>- ± -</td>
<td>&lt;0.009</td>
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<tr>
<td>Dimethachlor</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.03 (LOQ)</td>
<td>-</td>
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<tr>
<td>Dimethachlor ethane sulfonic acid (CGA 354742, Dimethachlor-ESA)</td>
<td>µg/l</td>
<td>0.462 ± 0.0516</td>
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<td>0.0516</td>
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<tr>
<td>Dimethachlor oxalamic acid (CGA 50266, Dimethachlor-OA)</td>
<td>µg/l</td>
<td>0.2 ± 0.0487</td>
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<td>Dimethachlor Metabolite - CGA 369873</td>
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<td>0.103</td>
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<tr>
<td>Dimethachlor Metabolite - CGA 373464 (acetic acid methyl ester)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>0.514</td>
<td>0.077</td>
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<tr>
<td>Dimethachlor Metabolite - CGA 373464 (free acid)</td>
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<tr>
<td>Dimethenamide</td>
<td>µg/l</td>
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<tr>
<td>Dimethenamid-P-sulfonic acid</td>
<td>µg/l</td>
<td>0.911 ± 0.187</td>
<td>0.851</td>
<td>0.128</td>
<td>0.197</td>
<td>93.4</td>
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</table>

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## Laboratory oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

<table>
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<tr>
<th>Parameter</th>
<th>Unit</th>
<th>Target ± Cl(99%)</th>
<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery ± U</th>
<th>z-score</th>
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<td>(Dimethenamid-ESA)</td>
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<td>Dimethenamid-P-acid (Dimethenamid-OA)</td>
<td>µg/l</td>
<td>0.371 ± 0.0703</td>
<td>0.362 ± 0.054</td>
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<td>Diuron</td>
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<tr>
<td>Ethofumesate</td>
<td>µg/l</td>
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<tr>
<td>Flufenacet</td>
<td>µg/l</td>
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<tr>
<td>Flufenacet sulfonic acid (Flufenacet-ESA)</td>
<td>µg/l</td>
<td>0.8 ± 0.215</td>
<td>0.81 ± 0.121</td>
<td>0.176</td>
<td>101 ± 0.06</td>
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<tr>
<td>Flufenacet oxanilic acid (Flufenacet-OA)</td>
<td>µg/l</td>
<td>0.191 ± 0.0874</td>
<td>0.244 ± 0.037</td>
<td>0.0771</td>
<td>128 ± 0.69</td>
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<tr>
<td>Glufosinate</td>
<td>µg/l</td>
<td>- ± &lt;0.03 (LOQ)</td>
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<td>-</td>
<td>-</td>
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<tr>
<td>Glyphosate</td>
<td>µg/l</td>
<td>- ± &lt;0.03 (LOQ)</td>
<td>-</td>
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<tr>
<td>Heptachlor</td>
<td>µg/l</td>
<td>- ± &lt;0.009</td>
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<tr>
<td>Heptachlor epoxid</td>
<td>µg/l</td>
<td>0.185 ± 0.0222</td>
<td>0.188 ± 0.028</td>
<td>0.0196</td>
<td>102 ± 0.17</td>
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<tr>
<td>Hexazinone</td>
<td>µg/l</td>
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<tr>
<td>Imidacloprid</td>
<td>µg/l</td>
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<tr>
<td>Iodosulfuron-methyl</td>
<td>µg/l</td>
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<tr>
<td>Isoproturon</td>
<td>µg/l</td>
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<tr>
<td>Isoproturon-desmethyl</td>
<td>µg/l</td>
<td>0.147 ± 0.0118</td>
<td>0.131 ± 0.02</td>
<td>0.0104</td>
<td>88.9 ± 1.56</td>
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<tr>
<td>MCPA</td>
<td>µg/l</td>
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<tr>
<td>MCPB</td>
<td>µg/l</td>
<td>0.485 ± 0.039</td>
<td>0.488 ± 0.073</td>
<td>0.0503</td>
<td>101 ± 0.07</td>
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<tr>
<td>MCPP (Mecoprop)</td>
<td>µg/l</td>
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<td>µg/l</td>
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<td>Metalaxyl</td>
<td>µg/l</td>
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<tr>
<td>Metamitron</td>
<td>µg/l</td>
<td>0.157 ± 0.0156</td>
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<td>0.0227</td>
<td>84.9 ± 1.05</td>
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<tr>
<td>Metazachlor</td>
<td>µg/l</td>
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<tr>
<td>Metazachlor ethane sulfonic acid (Metazachlor-ESA)</td>
<td>µg/l</td>
<td>2.77 ± 0.367</td>
<td>2.819 ± 0.423</td>
<td>0.441</td>
<td>102 ± 0.12</td>
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<tr>
<td>Metazachlor oxanilic acid (Metazachlor-OA)</td>
<td>µg/l</td>
<td>1.32 ± 0.202</td>
<td>1.219 ± 0.138</td>
<td>0.233</td>
<td>92.3 ± 0.44</td>
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<tr>
<td>Metolachlor</td>
<td>µg/l</td>
<td>- ± &lt;0.03 (LOQ)</td>
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<tr>
<td>Metribuzin</td>
<td>µg/l</td>
<td>- ± &lt;0.03 (LOQ)</td>
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<tr>
<td>Metribuzin-desamino</td>
<td>µg/l</td>
<td>0.266 ± 0.0346</td>
<td>0.267 ± 0.04</td>
<td>0.0305</td>
<td>104 ± 0.36</td>
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<tr>
<td>Metsulfuron-methyl</td>
<td>µg/l</td>
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<tr>
<td>N,N-Dimethylsulamide (DMS)</td>
<td>µg/l</td>
<td>1.07 ± 0.217</td>
<td>0.977 ± 0.147</td>
<td>0.205</td>
<td>91.6 ± 0.44</td>
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<tr>
<td>Nicosulfuron</td>
<td>µg/l</td>
<td>- ± &lt;0.03 (LOQ)</td>
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<tr>
<td>Pethoxamid</td>
<td>µg/l</td>
<td>- ± &lt;0.03 (LOQ)</td>
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<tr>
<td>Propazine</td>
<td>µg/l</td>
<td>- ± &lt;0.03 (LOQ)</td>
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<tr>
<td>Propazine-2-hydroxy</td>
<td>µg/l</td>
<td>0.205 ± 0.0224</td>
<td>0.205 ± 0.031</td>
<td>0.0183</td>
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<tr>
<td>Propiconazole</td>
<td>µg/l</td>
<td>0.363 ± 0.0362</td>
<td>0.3 ± 0.045</td>
<td>0.0482</td>
<td>82.6 ± 1.31</td>
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<tr>
<td>Parameter</td>
<td>Unit</td>
<td>Target ± CI(99%)</td>
<td>Result ± U</td>
<td>Criteria</td>
<td>Recovery</td>
<td>z-score</td>
</tr>
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<td>------------------------------------------</td>
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<tr>
<td>s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)</td>
<td>µg/l</td>
<td>2.75 ± 0.245</td>
<td>2.816 ± 0.422</td>
<td>0.317</td>
<td>103</td>
<td>0.22</td>
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<tr>
<td>s-Metolachlor oxanilic acid (Metolachlor-OA)</td>
<td>µg/l</td>
<td>1.09 ± 0.142</td>
<td>1.081 ± 0.162</td>
<td>0.171</td>
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<tr>
<td>s-Metolachlor Metabolite CGA 368208</td>
<td>µg/l</td>
<td>- ± -</td>
<td>0.333 ± 0.05</td>
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<tr>
<td>s-Metolachlor Metabolite NOA 413173</td>
<td>µg/l</td>
<td>- ± -</td>
<td>0.377 ± 0.057</td>
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<tr>
<td>Simazine</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.03 (LOQ)</td>
<td>-</td>
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</tr>
<tr>
<td>Terbutylazine</td>
<td>µg/l</td>
<td>0.204 ± 0.0276</td>
<td>0.205 ± 0.031</td>
<td>0.0244</td>
<td>101</td>
<td>0.05</td>
</tr>
<tr>
<td>Terbutylazine-2-hydroxy</td>
<td>µg/l</td>
<td>0.122 ± 0.0256</td>
<td>0.136 ± 0.02</td>
<td>0.0209</td>
<td>111</td>
<td>0.66</td>
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<tr>
<td>Terbutylazine-desethyl-2-hydroxy</td>
<td>µg/l</td>
<td>0.504 ± 0.0313</td>
<td>0.492 ± 0.074</td>
<td>0.0417</td>
<td>97.5</td>
<td>-0.30</td>
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<tr>
<td>Thiocloprid</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.03 (LOQ)</td>
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<tr>
<td>Thiamethoxam</td>
<td>µg/l</td>
<td>0.128 ± 0.0118</td>
<td>0.123 ± 0.018</td>
<td>0.0141</td>
<td>96.1</td>
<td>-0.35</td>
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<tr>
<td>Thifensulfuron-methyl</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.03 (LOQ)</td>
<td>-</td>
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</tr>
<tr>
<td>Tolyfluanid</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.03 (LOQ)</td>
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</tr>
<tr>
<td>Tribenuron-methyl</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.03 (LOQ)</td>
<td>-</td>
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</tr>
<tr>
<td>Triclopyr</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.03 (LOQ)</td>
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</tr>
<tr>
<td>Triflusulfuron-Methyl</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.03 (LOQ)</td>
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<tr>
<td>Tritosulfuron</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.03 (LOQ)</td>
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</table>
Laboratory oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Sample

PM02 A
PM02 B

2,4-D (2,4-Dichlorophenoxyacetic acid)
2,6-Dichlorobenzamide
2-Amino-4-methoxy-6-methyl-1,3,5-triazine
3,5,6-Trichloro-2-pyridinol
Alachlor
Alachlor-t-acid (Alachlor-OA)
Aldrin
Atrazine
Atrazine-2-hydroxy
Atrazine-desethyl
Atrazine-desethyl-desisopropyl
Atrazine-desisopropyl
Atrazine-desisopropyl-desisopropyl
Atrazine-desisopropyl
Azoxystrobin
Bentazon
Bromacil
Chloridazon
Chloridazon-desphenyl-
Chloridazon-methyl-desphenyl
Clopyralid
Clothianidin
Dicaiba
Dichlorprop
Dieldrin
Dimethachlor
Dimethachlor ethane sulfonic acid (CGA 354742, Dimethachlor-ESA)
Dimethachlor oxalamic acid (CGA 50266, Dimethachlor-OA)
Dimethenamide
Dimethenamid-P-sulfonic acid (Dimethenamid-ESA)
Dimethenamid-P-acid (Dimethenamid-OA)
Duron
Ethofumesate
Flufenacet
Flufenacet sulfonic acid (Flufenacet-ESA)
Flufenacet oxalamic acid (Flufenacet-OA)
Glufosinate
Glyphosate
Heptachlor
Heptachlor epoxide
Hexazinone
Iloprobid
Iodosulfuron-methyl
Isoproturon
Isoproturon-desmethyl
MCPA
MCPB
MCPP (Mecoprop)
Mesosulfuron-methyl
Metalaxyl
Metalaxyl
Metamitron
Metaxyl
Metaxyl
Metazachlor
Metazachlor ethane sulfonic acid (Metazachlor-ESA)
Metazachlor oxalamic acid (Metazachlor-OA)
Metolachlor
Metribuzin
Metribuzin-desamin
Metsulfuron-methyl
N,N-Dimethylsulfamide (DMS)
Nicosulfuron
Pethoxamid
Propazine
Propazine-2-hydroxy
Propiconazole
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)
s-Metolachlor oxalamic acid (Metolachlor-OA)
Simazine
Terbutylazine
Terbutylazine-2-hydroxy
Terbutylazine-desethyl-2-hydroxy
Thiacloprid
Thiamethoxam
Thifensulfuron-methyl
Tribenuron-methyl
Triclopyr
Triflusulfuron-Methyl

Z-score

-2
0
2
-2
0
2

589/715
The following results were achieved:

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Unit</th>
<th>Target ± C1(99%)</th>
<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,4-D (2,4-Dichlorophenoxyacetic acid)</td>
<td>µg/l</td>
<td>0.303 ± 0.022</td>
<td>0.247 ± 0.049</td>
<td>0.0327</td>
<td>81.6</td>
<td>-1.70</td>
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<tr>
<td>2,6-Dichlorobenzamide</td>
<td>µg/l</td>
<td>0.883 ± 0.0593</td>
<td>0.926 ± 0.102</td>
<td>0.0884</td>
<td>105</td>
<td>0.49</td>
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<tr>
<td>2-Amino-4-methoxy-6-methyl-1,3,5-triazine</td>
<td>µg/l</td>
<td>- ± -</td>
<td>- ± -</td>
<td>- ± -</td>
<td>- ± -</td>
<td>- ± -</td>
</tr>
<tr>
<td>3,5,6-Trichloro-2-pyridinol</td>
<td>µg/l</td>
<td>0.5 ± 0.0649</td>
<td>- ± -</td>
<td>0.0838</td>
<td>- ± -</td>
<td>- ± -</td>
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<tr>
<td>Alachlor</td>
<td>µg/l</td>
<td>- ± -</td>
<td>- ± -</td>
<td>- ± -</td>
<td>- ± -</td>
<td>- ± -</td>
</tr>
<tr>
<td>Alachlor-t-sulfonic acid (Alachlor-ESA)</td>
<td>µg/l</td>
<td>&lt;0.01 (LOQ)</td>
<td>&lt;0.01 (LOQ)</td>
<td>- ± -</td>
<td>- ± -</td>
<td>- ± -</td>
</tr>
<tr>
<td>Alachlor-t-acid (Alachlor-OA)</td>
<td>µg/l</td>
<td>&lt;0.01 (LOQ)</td>
<td>&lt;0.01 (LOQ)</td>
<td>- ± -</td>
<td>- ± -</td>
<td>- ± -</td>
</tr>
<tr>
<td>Aldrin</td>
<td>µg/l</td>
<td>0.0379 ± 0.00855</td>
<td>- ± -</td>
<td>0.00855</td>
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<td>- ± -</td>
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<tr>
<td>AMPA</td>
<td>µg/l</td>
<td>- ± -</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
<td>- ± -</td>
<td>- ± -</td>
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<tr>
<td>Atrazine</td>
<td>µg/l</td>
<td>0.154 ± 0.00877</td>
<td>0.137 ± 0.027</td>
<td>0.0137</td>
<td>88.9</td>
<td>-1.25</td>
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<tr>
<td>Atrazine-2-hydroxy</td>
<td>µg/l</td>
<td>- ± -</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
<td>- ± -</td>
<td>- ± -</td>
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<tr>
<td>Atrazine-desethyl</td>
<td>µg/l</td>
<td>- ± -</td>
<td>- ± -</td>
<td>&lt;0.005</td>
<td>- ± -</td>
<td>- ± -</td>
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<tr>
<td>Atrazine-desethyl-desisopropyl</td>
<td>µg/l</td>
<td>- ± -</td>
<td>- ± -</td>
<td>&lt;0.005</td>
<td>- ± -</td>
<td>- ± -</td>
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<tr>
<td>Atrazine-desisopropyl</td>
<td>µg/l</td>
<td>- ± -</td>
<td>- ± -</td>
<td>&lt;0.005</td>
<td>- ± -</td>
<td>- ± -</td>
</tr>
<tr>
<td>Azoxystrobin</td>
<td>µg/l</td>
<td>0.141 ± 0.0175</td>
<td>- ± -</td>
<td>0.0226</td>
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<td>- ± -</td>
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<tr>
<td>Azoxystrobin-O-demethyl (CyPM)</td>
<td>µg/l</td>
<td>&lt;0.01 (LOQ)</td>
<td>&lt;0.01 (LOQ)</td>
<td>- ± -</td>
<td>- ± -</td>
<td>- ± -</td>
</tr>
<tr>
<td>Bentazone</td>
<td>µg/l</td>
<td>0.091 ± 0.00744</td>
<td>0.085 ± 0.022</td>
<td>0.0116</td>
<td>93.4</td>
<td>-0.52</td>
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<tr>
<td>Bromacil</td>
<td>µg/l</td>
<td>0.164 ± 0.0144</td>
<td>0.14 ± 0.034</td>
<td>0.0152</td>
<td>85.5</td>
<td>-1.56</td>
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<tr>
<td>Chloridazon</td>
<td>µg/l</td>
<td>0.0873 ± 0.00567</td>
<td>0.084 ± 0.019</td>
<td>0.00756</td>
<td>96.2</td>
<td>-0.43</td>
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<tr>
<td>Chloridazon-desphenyl</td>
<td>µg/l</td>
<td>- ± -</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
<td>- ± -</td>
<td>- ± -</td>
</tr>
<tr>
<td>Chloridazon-methyl-desphenyl</td>
<td>µg/l</td>
<td>- ± -</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
<td>- ± -</td>
<td>- ± -</td>
</tr>
<tr>
<td>Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>- ± -</td>
<td>- ± -</td>
<td>- ± -</td>
<td>- ± -</td>
</tr>
<tr>
<td>Chlorothalonil sulfonic acid (Chlorothalonil-ESA)</td>
<td>µg/l</td>
<td>&lt;0.01 (LOQ)</td>
<td>&lt;0.01 (LOQ)</td>
<td>- ± -</td>
<td>- ± -</td>
<td>- ± -</td>
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<tr>
<td>Clopyralid</td>
<td>µg/l</td>
<td>0.351 ± 0.0762</td>
<td>- ± -</td>
<td>0.0718</td>
<td>- ± -</td>
<td>- ± -</td>
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<tr>
<td>Clothianidin</td>
<td>µg/l</td>
<td>0.162 ± 0.0146</td>
<td>- ± -</td>
<td>0.0162</td>
<td>- ± -</td>
<td>- ± -</td>
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<tr>
<td>Dicamba</td>
<td>µg/l</td>
<td>0.683 ± 0.0311</td>
<td>0.705 ± 0.155</td>
<td>0.0328</td>
<td>103</td>
<td>0.66</td>
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<tr>
<td>Dichlorprop</td>
<td>µg/l</td>
<td>0.606 ± 0.0444</td>
<td>0.598 ± 0.09</td>
<td>0.0662</td>
<td>98.6</td>
<td>-0.13</td>
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<tr>
<td>Dieldrin</td>
<td>µg/l</td>
<td>0.06 ± 0.0154</td>
<td>- ± -</td>
<td>0.0163</td>
<td>- ± -</td>
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<tr>
<td>Dimethachlor</td>
<td>µg/l</td>
<td>0.432 ± 0.0351</td>
<td>0.435 ± 0.083</td>
<td>0.0453</td>
<td>101</td>
<td>0.06</td>
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<tr>
<td>Dimethachlor ethane sulfonic acid (CGA 354742, Dimethachlor-ESA)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>- ± -</td>
<td>- ± -</td>
<td>- ± -</td>
<td>- ± -</td>
</tr>
<tr>
<td>Parameter</td>
<td>Unit</td>
<td>Target ± CI(99%)</td>
<td>Result ± U</td>
<td>Criteria</td>
<td>Recovery</td>
<td>z-score</td>
</tr>
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</tr>
<tr>
<td>Dimethachlor oxalamic acid</td>
<td>µg/l</td>
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<td>(CGA 50266, Dimethachlor-OA)</td>
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<td>Dimethachlor Metabolite - CGA 369873</td>
<td>µg/l</td>
<td>±</td>
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<tr>
<td>Dimethachlor Metabolite - CGA 373464 (acetic acid methyl ester)</td>
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<td>Dimethachlor Metabolite - CGA 373464 (free acid)</td>
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<tr>
<td>Dimetenamide</td>
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<tr>
<td>Dimethenamid-P-sulfonic acid (Dimethenamid-ESA)</td>
<td>µg/l</td>
<td>±</td>
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<tr>
<td>Dimethenamid-P-acid (Dimethenamid-OA)</td>
<td>µg/l</td>
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<tr>
<td>Diuron</td>
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<td>Ethofumesate</td>
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<td>Flufenacet</td>
<td>µg/l</td>
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<td>Flufenacet sulfonic acid (Flufenacet-ESA)</td>
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<td>±</td>
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<td>Flufenacet oxanilic acid (Flufenacet-OA)</td>
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<td>Glufosinate</td>
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<td>Glyphosate</td>
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<td>Heptachlor</td>
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<td>Heptachlor epoxid</td>
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<td>Hexazinone</td>
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<td>Imidacloprid</td>
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<td>Iodosulfuron-methyl</td>
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<td>Isoproturon</td>
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<td>MCPA</td>
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<td>MCPB</td>
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<td>MCPP (Mecoprop)</td>
<td>µg/l</td>
<td>0.118 ± 0.00973</td>
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<td>Mesosulfuron-methyl</td>
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<td>0.0524</td>
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<td>Metamitron</td>
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<td>0.0673</td>
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<tr>
<td>Metazachlor</td>
<td>µg/l</td>
<td>0.26 ± 0.00676</td>
<td>0.247</td>
<td>0.057</td>
<td>0.0093</td>
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<tr>
<td>Metazachlor ethane sulfonic acid (Metazachlor-ESA)</td>
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<td>±</td>
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<td></td>
<td>&lt;0.01(LOQ)</td>
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<tr>
<td>Metazachlor oxanilic acid (Metazachlor-OA)</td>
<td>µg/l</td>
<td>±</td>
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<td>&lt;0.01(LOQ)</td>
<td>-</td>
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<tr>
<td>Metolachlor</td>
<td>µg/l</td>
<td>0.403 ± 0.0313</td>
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<td>0.069</td>
<td>0.0489</td>
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<tr>
<td>Metribuzin</td>
<td>µg/l</td>
<td>0.0895 ± 0.00875</td>
<td>0.064</td>
<td>0.015</td>
<td>0.0113</td>
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### Laboratory oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Unit</th>
<th>Target ± CI(99%)</th>
<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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<tbody>
<tr>
<td>Metribuzin-desamino</td>
<td>µg/l</td>
<td>0.254 ± 0.0343</td>
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<tr>
<td>Metsulfuron-methyl</td>
<td>µg/l</td>
<td>0.176 ± 0.0111</td>
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<tr>
<td>N,N-Dimethlysulfamid (DMS)</td>
<td>µg/l</td>
<td>0.0919 ± 0.222</td>
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<td>0.276</td>
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<tr>
<td>Nicosulfuron</td>
<td>µg/l</td>
<td>0.49 ± 0.0258</td>
<td>0.458 ± 0.082</td>
<td>0.0344</td>
<td>93.4</td>
<td>-0.94</td>
</tr>
<tr>
<td>Pethoxamid</td>
<td>µg/l</td>
<td>0.176 ± 0.0111</td>
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<td>0.0111</td>
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<tr>
<td>Propazine</td>
<td>µg/l</td>
<td>0.152 ± 0.0146</td>
<td>0.138 ± 0.026</td>
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<td>Propazine-2-hydroxy</td>
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<td>Propiconazole</td>
<td>µg/l</td>
<td>0.123 ± 0.00681</td>
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<td>Simazine</td>
<td>µg/l</td>
<td>0.254 ± 0.0165</td>
<td>0.237 ± 0.04</td>
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<tr>
<td>Terbutylazine</td>
<td>µg/l</td>
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<td>0.237 ± 0.04</td>
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<td>-0.65</td>
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<tr>
<td>Terbuthylazine-2-hydroxy</td>
<td>µg/l</td>
<td>0.254 ± 0.0165</td>
<td>0.237 ± 0.04</td>
<td>0.0258</td>
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<td>-0.65</td>
</tr>
<tr>
<td>Terbuthylazine-desethyl</td>
<td>µg/l</td>
<td>&lt;0.01 (LOQ)</td>
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<tr>
<td>Thiacloprid</td>
<td>µg/l</td>
<td>0.295 ± 0.0181</td>
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<tr>
<td>Tbamethoxam</td>
<td>µg/l</td>
<td>0.765 ± 0.0774</td>
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<tr>
<td>Thifensulfuron-methyl</td>
<td>µg/l</td>
<td>0.154 ± 0.0906</td>
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<td>Telyfluanid</td>
<td>µg/l</td>
<td>0.48 ± 0.0503</td>
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<tr>
<td>Tribenuron-methyl</td>
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### Sample: PM02B

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<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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<tbody>
<tr>
<td>2,4-D (2,4-Dichlorophenoxyaceticacid)</td>
<td>µg/l</td>
<td>0.191 ± 0.0152</td>
<td>0.176 ± 0.035</td>
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<td>92.1</td>
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<tr>
<td>2,6-Dichlorobenzamide</td>
<td>µg/l</td>
<td>2.53 ± 0.132</td>
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<tr>
<td>2-Amino-4-methoxy-6-methyl-1,3,5-triazine</td>
<td>µg/l</td>
<td>0.182 ± 0.0175</td>
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<tr>
<td>3,5,6-Trichloro-2-pyridinol</td>
<td>µg/l</td>
<td>0.406 ± 0.183</td>
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<tr>
<td>Alachlor</td>
<td>µg/l</td>
<td>- ±</td>
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<tr>
<td>Parameter</td>
<td>Unit</td>
<td>Target ± CI(99%)</td>
<td>Result ± U</td>
<td>Criteria</td>
<td>Recovery</td>
<td>z-score</td>
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<td>Alachlor-t-sulfonic acid (Alachlor-ESA)</td>
<td>µg/l</td>
<td>- ± -</td>
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<td>Alachlor-t-acid (Alachlor-OA)</td>
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<td>Aldrin</td>
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<td>AMPA</td>
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<td>Atrazine</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.005</td>
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<td>Atrazine-2-hydroxy</td>
<td>µg/l</td>
<td>1.52 ± 0.174</td>
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<td>Atrazine-desethyl-desisopropyl</td>
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<td>Atrazine-desisopropyl</td>
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<td>Azoxystrobin</td>
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<td>Azoxystrobin-O-demethyl (CyPM)</td>
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<tr>
<td>Bentazone</td>
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<td>Bromacil</td>
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<td>Chloridazon</td>
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<td>Chlorothalonil sulfonic acid (CIPCM)</td>
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<tr>
<td>Ciprylad</td>
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<td>Clothianidin</td>
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<td>Dicamba</td>
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<td>Dieldrin</td>
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<tr>
<td>Dimethachlor</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.005</td>
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<tr>
<td>Dimethachlor ethane sulfonic acid</td>
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<td>Dimethachlor oxalamic acid (CGA 50266,</td>
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<td>Dimethachlor Metabolite - CGA 369873</td>
<td>µg/l</td>
<td>- ± -</td>
<td>-</td>
<td>-</td>
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<td>-</td>
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<tr>
<td>Dimethachlor Metabolite - CGA 373464</td>
<td>µg/l</td>
<td>- ± -</td>
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<td>Dimethachlor Metabolite - CGA 373464</td>
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<tr>
<td>Dimethenamide</td>
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<td>Dimethenamid-P-sulfonic acid</td>
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<td>Parameter</td>
<td>Unit</td>
<td>Target ± CI(99%)</td>
<td>Result ± U</td>
<td>Criteria</td>
<td>Recovery</td>
<td>z-score</td>
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<tr>
<td>(Dimethenamid-ESA)</td>
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<tr>
<td>Dimethenamid-P-acid (Dimethenamid-OA)</td>
<td>µg/l</td>
<td>0.371 ± 0.0703</td>
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<td>Diuron</td>
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<tr>
<td>Flufenacet sulfonic acid (Flufenacet-ESA)</td>
<td>µg/l</td>
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<td>Imidacloprid</td>
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<td>MCPB</td>
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<td>MCPP (Mecoprop)</td>
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<td>Metazachlor oxanilic acid (Metazachlor-OA)</td>
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<td>1.32 ± 0.202</td>
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<td>Metribuzin</td>
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<tr>
<td>N,N-Dimethylsulfamide (DMS)</td>
<td>µg/l</td>
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<td>Pethoxamid</td>
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<td>Propazine</td>
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<td>µg/l</td>
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<td>Propiconazole</td>
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<td>Result ± U</td>
<td>Criteria</td>
<td>Recovery</td>
<td>z-score</td>
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<td>s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)</td>
<td>µg/l</td>
<td>2.75 ± 0.245</td>
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<tr>
<td>Simazine</td>
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<td>Terbuthylazine</td>
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<td>µg/l</td>
<td>0.204 ± 0.0276</td>
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<td>Terbuthylazine-desethyl-2-hydroxy</td>
<td>µg/l</td>
<td>0.122 ± 0.0256</td>
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<tr>
<td>Terbuthylazine-desethyl</td>
<td>µg/l</td>
<td>0.504 ± 0.0313</td>
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<td>0.0417</td>
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<tr>
<td>Thiacioprid</td>
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<td>- -</td>
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<tr>
<td>Thiamethoxam</td>
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<td>0.128 ± 0.0118</td>
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<td>Thifensulfuron-methyl</td>
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<tr>
<td>Tolyfluanid</td>
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<td>&lt;0.01 (LOQ)</td>
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<td>Tribenuron-methyl</td>
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<tr>
<td>Triclopyr</td>
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<td>&lt;0.01 (LOQ)</td>
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Laboratory oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Laboratory: LC0009

Sample

PM2 A

PM2 B

2,4-D (2,4-Dichlorophenoxyaceticacid)
2,6-Dichlorobenzamide
Alachlor-t-acid (Alachlor-OA)
AMPA
Atrazine
Atrazine-2-hydroxy
Atrazine-desethyl
Atrazine-desisopropyl
Bentazon
Bromacil
Chloridazon
Chloridazon-desphenyl
Chloridazon-methyl-desphenyl
Dicamba
 Dichlorprop
Dimethachlor
Dimethenamide
Dimethenamid-P-sulfonic acid (Dimethenamid-ESA)
Dimethenamid-P-acid (Dimethenamid-OA)
Diuron
Ethofumesate
Glufosinate
Glyphosate
Hexazinone
Isoproturon
Isoproturon-desmethyl
MCPA
MCPB
MCPP (Mecoprop)
Metalamyl
Metamitron
Metazachlor
Metazachlor ethane sulfonic acid (Metazachlor-ESA)
Metazachlor oxanilic acid (Metazachlor-OA)
Metolachlor
Metolachlor ethanesulfonic acid (Metolachlor-ESA)
N,N-Dimethylsulfamide (DMS)
Propazine
Propiconazole
Simazine
Terbuthylazine
The following results were achieved:

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Unit</th>
<th>Target ± CI(99%)</th>
<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,4-D (2,4-Dichlorophenoxyacetic acid)</td>
<td>µg/l</td>
<td>0.303 ± 0.022</td>
<td>0.317</td>
<td>0.0327</td>
<td>105</td>
<td>0.44</td>
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<tr>
<td>2,6-Dichlorobenzamide</td>
<td>µg/l</td>
<td>0.883 ± 0.0593</td>
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<td>0.0884</td>
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<td>2-Amino-4-methoxy-6-methyl-1,3,5-triazine</td>
<td>µg/l</td>
<td>- ± &lt;0.05 (LOQ)</td>
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<tr>
<td>3,5,6-Trichloro-2-pyridinol</td>
<td>µg/l</td>
<td>- ± 0.097</td>
<td>0.034</td>
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<tr>
<td>Alachlor</td>
<td>µg/l</td>
<td>0.5 ± 0.0649</td>
<td>0.423</td>
<td>0.0838</td>
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<td>- ± &lt;0.02 (LOQ)</td>
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<tr>
<td>Alachlor-t-acid (Alachlor-OA)</td>
<td>µg/l</td>
<td>- ± &lt;0.02 (LOQ)</td>
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<tr>
<td>Aldrin</td>
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<tr>
<td>Atrazine-2-hydroxy</td>
<td>µg/l</td>
<td>0.154 ± 0.00877</td>
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<tr>
<td>Atrazine-desethyl</td>
<td>µg/l</td>
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<td>Atrazine-desethyl-desisopropyl</td>
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<tr>
<td>Atrazine-desisopropyl</td>
<td>µg/l</td>
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<tr>
<td>Azoxystrobin</td>
<td>µg/l</td>
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<td>Azoxystrobin-O-demethyl (CyPM)</td>
<td>µg/l</td>
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<tr>
<td>Bentazone</td>
<td>µg/l</td>
<td>0.091 ± 0.00744</td>
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<td>0.0116</td>
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<tr>
<td>Bromacil</td>
<td>µg/l</td>
<td>0.164 ± 0.0144</td>
<td>0.188</td>
<td>0.0152</td>
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<td>Chloridazon</td>
<td>µg/l</td>
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<td>0.00756</td>
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<td>Chloridazon-desphenyl</td>
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<tr>
<td>Chloridazon-methyl-desphenyl</td>
<td>µg/l</td>
<td>- ± &lt;0.01 (LOQ)</td>
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<tr>
<td>Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)</td>
<td>µg/l</td>
<td>- ±</td>
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<tr>
<td>Chlorothalonil sulfonic acid (Chlorothalonil-ESA)</td>
<td>µg/l</td>
<td>- ±</td>
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<tr>
<td>Clopyralid</td>
<td>µg/l</td>
<td>0.351 ± 0.0762</td>
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<td>Clothianidin</td>
<td>µg/l</td>
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<td>Dicamba</td>
<td>µg/l</td>
<td>0.683 ± 0.0311</td>
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<td>0.0328</td>
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<td>Dichlorprop</td>
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<td>0.0662</td>
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<td>Dieldrin</td>
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<td>0.0163</td>
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<td>0.56</td>
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<tr>
<td>Dimethachlor</td>
<td>µg/l</td>
<td>0.432 ± 0.0351</td>
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<td>0.0453</td>
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<td>Dimethachlor ethane sulfonic acid (CGA 354742, Dimethachlor-ESA)</td>
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This report was created with PROLab, a software by QuoData: http://www.quodata.de/
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<th>Parameter</th>
<th>Unit</th>
<th>Target</th>
<th>± Cl(99%)</th>
<th>Result</th>
<th>± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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<tbody>
<tr>
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<td>Dimethachlor Metabolite - CGA 369873</td>
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<tr>
<td>Dimethachlor Metabolite - CGA 373464 (acetic acid methyl ester)</td>
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<td>Dimethachlor Metabolite - CGA 373464 (free acid)</td>
<td>µg/l</td>
<td>- ±</td>
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<tr>
<td>Dimethenamide</td>
<td>µg/l</td>
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<td>0.488</td>
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<td>0.0433</td>
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<tr>
<td>Dimethenamid-P-sulfonic acid (Dimethenamid-ESA)</td>
<td>µg/l</td>
<td>- ±</td>
<td>&lt;0.02 (LOQ)</td>
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<tr>
<td>Dimethenamid-P-acid (Dimethenamid-OA)</td>
<td>µg/l</td>
<td>- ±</td>
<td>&lt;0.02 (LOQ)</td>
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<td>Dicuron</td>
<td>µg/l</td>
<td>0.295 ± 0.0188</td>
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<td>0.0287</td>
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<td>Ethofumesate</td>
<td>µg/l</td>
<td>0.153 ± 0.0132</td>
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<td>0.056</td>
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<td>Flufenacet</td>
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<td>0.43 ± 0.0434</td>
<td>0.402</td>
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<td>Flufenacet oxanilic acid (Flufenacet-OA)</td>
<td>µg/l</td>
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<td>Glufosinate</td>
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<td>0.148 ± 0.0493</td>
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<td>- ±</td>
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<td>MCPA</td>
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<td>MCPP (Mecoprop)</td>
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<td>0.0524</td>
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<td>0.0093</td>
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<td>- ±</td>
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<td>Result ± U</td>
<td>Criteria</td>
<td>Recovery</td>
<td>z-score</td>
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<td>N,N-Dimethylylsulfamide (DMS)</td>
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<td>Nicosulfuron</td>
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<td>Pethoxamid</td>
<td>µg/l</td>
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<td>0.0111</td>
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<td>Propazine</td>
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<td>0.446 0.156</td>
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<tr>
<td>Propiconazole</td>
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<td>- ± -</td>
<td>&lt;0.02 (LOQ)</td>
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<td>s-Metolachlor oxanilic acid (Metolachlor-OA)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.02 (LOQ)</td>
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<td>s-Metolachlor Metabolite CGA 368208</td>
<td>µg/l</td>
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<tr>
<td>Simazine</td>
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<td>0.123 ± 0.00681</td>
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<td>0.00963</td>
<td>85.6</td>
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<td>Terbutylazine</td>
<td>µg/l</td>
<td>0.254 ± 0.0165</td>
<td>0.221 0.066</td>
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<td>Terbutylazine-2-hydroxy</td>
<td>µg/l</td>
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<td>&lt;0.01 (LOQ)</td>
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<td>Terbutylazine-desethyl-2-hydroxy</td>
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<tr>
<td>Terbutylazine-desethyl</td>
<td>µg/l</td>
<td>- ± -</td>
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<td>Thiacloprid</td>
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<td>Thiamethoxam</td>
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<td>0.738 0.258</td>
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<td>Tolyfluanid</td>
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<td>Tribenuron-methyl</td>
<td>µg/l</td>
<td>0.154 ± 0.0906</td>
<td>3.1 0.285</td>
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<td>Triclopyr</td>
<td>µg/l</td>
<td>0.48 ± 0.0503</td>
<td>0.436 0.153</td>
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<td>Triflusulfuron-Methyl</td>
<td>µg/l</td>
<td>0.407 ± 0.143</td>
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<td>Tritosulfuron</td>
<td>µg/l</td>
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<td>1.03 0.361</td>
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Sample: PM02B
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<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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<td>2,4-D (2,4-Dichlorophenoxyaceticacid)</td>
<td>µg/l</td>
<td>0.191 ± 0.0152</td>
<td>0.167 0.058</td>
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<td>2,6-Dichlorobenzamide</td>
<td>µg/l</td>
<td>2.53 ± 0.132</td>
<td>2.34 0.819</td>
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<td>2-Amino-4-methoxy-6-methyl-1,3,5-triazine</td>
<td>µg/l</td>
<td>0.182 ± 0.0175</td>
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<td>3,5,6-Trichloro-2-pyridinol</td>
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<td>0.406 ± 0.183</td>
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<td>Alachlor</td>
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<td>Result ± U</td>
<td>Criteria</td>
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<td>z-score</td>
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<td>Alachlor-t-sulfonic acid (Alachlor-ESA)</td>
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<td>3.03 ± 1.061</td>
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<tr>
<td>Alachlor-t-acid (Alachlor-OA)</td>
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<td>0.475 ± 0.0605</td>
<td>0.464 ± 0.162</td>
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<td>AMPA</td>
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<td>0.15</td>
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<tr>
<td>Atrazine</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
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<tr>
<td>Atrazine-2-hydroxy</td>
<td>µg/l</td>
<td>1.52 ± 0.174</td>
<td>1.27 ± 0.381</td>
<td>± U</td>
<td>83.5</td>
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<td>Atrazine-desethyl</td>
<td>µg/l</td>
<td>0.212 ± 0.0153</td>
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<tr>
<td>Atrazine-desethyl-desisopropyl</td>
<td>µg/l</td>
<td>0.872 ± 0.204</td>
<td>0.918 ± 0.321</td>
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<td>Atrazine-desisopropyl</td>
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<td>Azoxystrobin</td>
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<td>Bromacil</td>
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<tr>
<td>Chloridazon-desphenyl</td>
<td>µg/l</td>
<td>3.11 ± 0.194</td>
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<td>Chloridazon-methyl-desphenyl</td>
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<td>0.111 ± 0.033</td>
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<tr>
<td>Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)</td>
<td>µg/l</td>
<td>- ± -</td>
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<tr>
<td>Chlorothalonil sulfonic acid (Chlorothalonil-ESA)</td>
<td>µg/l</td>
<td>- ± -</td>
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<tr>
<td>Clopyralid</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.03 (LOQ)</td>
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<tr>
<td>Clothianidin</td>
<td>µg/l</td>
<td>- ± -</td>
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<tr>
<td>Dicamba</td>
<td>µg/l</td>
<td>- ± -</td>
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<tr>
<td>Dichlorprop</td>
<td>µg/l</td>
<td>0.222 ± 0.0162</td>
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<td>± U</td>
<td>78</td>
<td>-2.13</td>
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<tr>
<td>Dieldrin</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.002</td>
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<tr>
<td>Dimethachlor</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
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<td>Dimethachlor ethane sulfonic acid (CGA 354742, Dimethachlor-ESA)</td>
<td>µg/l</td>
<td>0.462 ± 0.0516</td>
<td>0.47 ± 0.141</td>
<td>± U</td>
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<td>Dimethachlor oxalamic acid (CGA 50266, Dimethachlor-OA)</td>
<td>µg/l</td>
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<td>0.186 ± 0.065</td>
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<td>92.9</td>
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<td>Dimethachlor Metabolite - CGA 369873</td>
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<td>Dimethachlor Metabolite - CGA 373464 (acetic acid methyl ester)</td>
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<td>Dimethachlor Metabolite - CGA 373464 (free acid)</td>
<td>µg/l</td>
<td>- ± -</td>
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<tr>
<td>Dimethachlor Metabolite - CGA 373464 (free acid)</td>
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<td>- ± -</td>
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<td>Dimethachlor Metabolite - CGA 373464 (free acid)</td>
<td>µg/l</td>
<td>- ± -</td>
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<td>Dimethachlor Metabolite - CGA 373464 (free acid)</td>
<td>µg/l</td>
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<tr>
<td>Dimethenamide</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
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<tr>
<td>Dimethenamid-P-sulfonic acid</td>
<td>µg/l</td>
<td>0.911 ± 0.187</td>
<td>0.956 ± 0.335</td>
<td>± U</td>
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<td>0.23</td>
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<tr>
<td>Parameter</td>
<td>Unit</td>
<td>Target ± CI(99%)</td>
<td>Result ± U</td>
<td>Criteria</td>
<td>Recovery</td>
<td>z-score</td>
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<tr>
<td>(Dimethenamid-ESA)</td>
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<tr>
<td>Dimethenamid-P-acid (Dimethenamid-OA)</td>
<td>µg/l</td>
<td>0.371 ± 0.0703</td>
<td>0.413</td>
<td>0.145</td>
<td>0.0574</td>
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<tr>
<td>Diuron</td>
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<tr>
<td>Ethofumesate</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.02 (LOQ)</td>
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<tr>
<td>Flufenacet</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
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<tr>
<td>Flufenacet sulfonic acid (Flufenacet-ESA)</td>
<td>µg/l</td>
<td>0.8 ± 0.215</td>
<td>0.898</td>
<td>0.314</td>
<td>0.176</td>
<td>112</td>
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<td>Flufenacet oxanilic acid (Flufenacet-OA)</td>
<td>µg/l</td>
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<td>0.0771</td>
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<td>Glufosinate</td>
<td>µg/l</td>
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<td>&lt;0.02 (LOQ)</td>
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<tr>
<td>Glyphosate</td>
<td>µg/l</td>
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<td>&lt;0.05 (LOQ)</td>
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<tr>
<td>Heptachlor</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.002</td>
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<tr>
<td>Heptachlor epoxid</td>
<td>µg/l</td>
<td>0.185 ± 0.0222</td>
<td>0.209</td>
<td>0.073</td>
<td>0.0196</td>
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<tr>
<td>Hexazinone</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
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<tr>
<td>Imidacloprid</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
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<tr>
<td>Iodosulfuron-methyl</td>
<td>µg/l</td>
<td>- ± -</td>
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<tr>
<td>Isoproturon</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
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<td>Isoproturon-desmethyl</td>
<td>µg/l</td>
<td>0.147 ± 0.0118</td>
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<td>0.055</td>
<td>0.0104</td>
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</tr>
<tr>
<td>MCPA</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
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<tr>
<td>MCPB</td>
<td>µg/l</td>
<td>0.485 ± 0.039</td>
<td>0.373</td>
<td>0.131</td>
<td>0.0503</td>
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<tr>
<td>MCP (Mecoprop)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
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<tr>
<td>Mesosulfuron-methyl</td>
<td>µg/l</td>
<td>- ± -</td>
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<tr>
<td>Metalaxyl</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
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<tr>
<td>Metamitron</td>
<td>µg/l</td>
<td>0.157 ± 0.0156</td>
<td>0.168</td>
<td>0.059</td>
<td>0.0227</td>
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<tr>
<td>Metazachlor</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
<td>-</td>
<td>-</td>
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<tr>
<td>Metazachlor ethane sulfonic acid (Metazachlor-ESA)</td>
<td>µg/l</td>
<td>2.77 ± 0.367</td>
<td>3.1</td>
<td>0.93</td>
<td>0.441</td>
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<tr>
<td>Metazachlor oxanilic acid (Metazachlor-OA)</td>
<td>µg/l</td>
<td>1.32 ± 0.202</td>
<td>1.42</td>
<td>0.497</td>
<td>0.233</td>
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<tr>
<td>Metolachlor</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
<td>-</td>
<td>-</td>
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</tr>
<tr>
<td>Methribuzin</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
<td>-</td>
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<tr>
<td>Methribuzin-desamino</td>
<td>µg/l</td>
<td>0.256 ± 0.0346</td>
<td>0.229</td>
<td>0.08</td>
<td>0.0305</td>
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</tr>
<tr>
<td>Metsulfuron-methyl</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
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<tr>
<td>N,N-Dimethylsulfamide (DMS)</td>
<td>µg/l</td>
<td>1.07 ± 0.217</td>
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<td>-</td>
<td>0.205</td>
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<tr>
<td>Nicosulfuron</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
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<tr>
<td>Pethoxamid</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
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<td>-</td>
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<tr>
<td>Propazine</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
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<tr>
<td>Propazine-2-hydroxy</td>
<td>µg/l</td>
<td>0.205 ± 0.0224</td>
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<td>-</td>
<td>0.0183</td>
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<tr>
<td>Parameter</td>
<td>Unit</td>
<td>Target ± CI(99%)</td>
<td>Result ± U</td>
<td>Criteria</td>
<td>Recovery</td>
<td>z-score</td>
</tr>
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<tr>
<td>s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)</td>
<td>µg/l</td>
<td>2.75 ± 0.245</td>
<td>2.65</td>
<td>0.795</td>
<td>0.317</td>
<td>96.5</td>
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<tr>
<td>s-Metolachlor oxanilic acid (Metolachlor-OA)</td>
<td>µg/l</td>
<td>1.09 ± 0.142</td>
<td>0.987</td>
<td>0.296</td>
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<tr>
<td>s-Metolachlor Metabolite CGA 368208</td>
<td>µg/l</td>
<td>- ± -</td>
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<tr>
<td>s-Metolachlor Metabolite NOA 413173</td>
<td>µg/l</td>
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<tr>
<td>Simazine</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
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<tr>
<td>Terbuthylazine</td>
<td>µg/l</td>
<td>- ± -</td>
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<tr>
<td>Terbuthylazine-2-hydroxy</td>
<td>µg/l</td>
<td>0.204 ± 0.0276</td>
<td>0.223</td>
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<td>0.0244</td>
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<tr>
<td>Terbuthylazine-desethyl-2-hydroxy</td>
<td>µg/l</td>
<td>0.122 ± 0.0256</td>
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<td>0.055</td>
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<td>Terbuthylazine-desethyl</td>
<td>µg/l</td>
<td>0.504 ± 0.0313</td>
<td>0.524</td>
<td>0.157</td>
<td>0.0417</td>
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<tr>
<td>Thiacloprid</td>
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<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
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<tr>
<td>Thiamethoxam</td>
<td>µg/l</td>
<td>0.128 ± 0.0118</td>
<td>0.116</td>
<td>0.035</td>
<td>0.0141</td>
<td>90.6</td>
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<tr>
<td>Thifensulfuron-methyl</td>
<td>µg/l</td>
<td>- ± -</td>
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<tr>
<td>Tolyfluanid</td>
<td>µg/l</td>
<td>- ± -</td>
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<tr>
<td>Tribenuron-methyl</td>
<td>µg/l</td>
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<tr>
<td>Triclopyr</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
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<tr>
<td>Triflusulfuron-Methyl</td>
<td>µg/l</td>
<td>- ± -</td>
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<tr>
<td>Tritosulfuron</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
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</table>
The following results were achieved:

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Unit</th>
<th>Target ± CI(99%)</th>
<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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<tbody>
<tr>
<td>2,4-D (2,4-Dichlorophenoxyacetic acid)</td>
<td>µg/l</td>
<td>0.303 ± 0.022</td>
<td>0.107 ± 0.0327</td>
<td>35.4</td>
<td>-5.98</td>
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<tr>
<td>2,6-Dichlorobenzamide</td>
<td>µg/l</td>
<td>0.883 ± 0.0593</td>
<td>0.9665 ± 0.0884</td>
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<td>0.95</td>
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<td>2-Amino-4-methoxy-6-methyl-1,3,5-triazine</td>
<td>µg/l</td>
<td>- ± -</td>
<td>0.287 ± 0.172</td>
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<tr>
<td>3,5,6-Trichloro-2-pyridinol</td>
<td>µg/l</td>
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<tr>
<td>Alachlor</td>
<td>µg/l</td>
<td>0.5 ± 0.0649</td>
<td>0.5489 ± 0.0838</td>
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<td>0.58</td>
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<tr>
<td>Alachlor-t-sulfonic acid (Alachlor-ESA)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
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</tr>
<tr>
<td>Alachlor-t-acid (Alachlor-OA)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
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<tr>
<td>Aldrin</td>
<td>µg/l</td>
<td>0.0379 ± 0.00855</td>
<td>0.0345 ± 0.00855</td>
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<td>AMPA</td>
<td>µg/l</td>
<td>- ± -</td>
<td>0.0086 ± 0.0017</td>
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<tr>
<td>Atrazine</td>
<td>µg/l</td>
<td>0.154 ± 0.00877</td>
<td>0.1589 ± 0.0137</td>
<td>103</td>
<td>0.34</td>
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</tr>
<tr>
<td>Atrazine-2-hydroxy</td>
<td>µg/l</td>
<td>- ± -</td>
<td>-</td>
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<tr>
<td>Atrazine-desethyl</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
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<td>-</td>
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<tr>
<td>Atrazine-desethyl-desisopropyl</td>
<td>µg/l</td>
<td>- ± -</td>
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<tr>
<td>Atrazine-desisopropyl</td>
<td>µg/l</td>
<td>- ± -</td>
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<tr>
<td>Azoxystrobin</td>
<td>µg/l</td>
<td>0.141 ± 0.0175</td>
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<td>0.0226</td>
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<td>Azoxystrobin-O-demethyl (CyPM)</td>
<td>µg/l</td>
<td>- ± -</td>
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<tr>
<td>Bentazone</td>
<td>µg/l</td>
<td>0.091 ± 0.00744</td>
<td>0.112 ± 0.0116</td>
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<td>1.80</td>
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<tr>
<td>Bromacil</td>
<td>µg/l</td>
<td>0.164 ± 0.0144</td>
<td>0.07 ± 0.0152</td>
<td>42.8</td>
<td>-6.17</td>
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<tr>
<td>Chloridazon</td>
<td>µg/l</td>
<td>0.0873 ± 0.00567</td>
<td>0.0693 ± 0.00756</td>
<td>79.4</td>
<td>-2.38</td>
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<tr>
<td>Chloridazon-desphenyl</td>
<td>µg/l</td>
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<tr>
<td>Chloridazon-methyl-desphenyl</td>
<td>µg/l</td>
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<td>&lt;0.025</td>
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<tr>
<td>Chlorothalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)</td>
<td>µg/l</td>
<td>- ± -</td>
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<tr>
<td>Chlorothalonil sulfonic acid (Chlorothalonil-ESA)</td>
<td>µg/l</td>
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<td>&lt;0.01 (LOQ)</td>
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<tr>
<td>Clopyralid</td>
<td>µg/l</td>
<td>0.351 ± 0.0762</td>
<td>&lt;0.01 (LOQ)</td>
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<tr>
<td>Clothianidin</td>
<td>µg/l</td>
<td>0.162 ± 0.0146</td>
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<td>Dicamba</td>
<td>µg/l</td>
<td>0.683 ± 0.0311</td>
<td>0.107 ± 0.0642</td>
<td>15.7</td>
<td>-17.60</td>
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<tr>
<td>Dichlorprop</td>
<td>µg/l</td>
<td>0.606 ± 0.0444</td>
<td>0.189 ± 0.0662</td>
<td>31.2</td>
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<tr>
<td>Dieldrin</td>
<td>µg/l</td>
<td>0.06 ± 0.0154</td>
<td>0.0668 ± 0.0163</td>
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<td>0.42</td>
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<td>Dimethachlor</td>
<td>µg/l</td>
<td>0.432 ± 0.0351</td>
<td>&lt;0.01 (LOQ)</td>
<td>0.0453</td>
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<td>Dimethachlor ethane sulfonic acid (CGA 354742, Dimethachlor-ESA)</td>
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<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
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<td>Unit</td>
<td>Target ± CI(99%)</td>
<td>Result ± U</td>
<td>Criteria</td>
<td>Recovery</td>
<td>z-score</td>
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<td>Dimethachlor oxalamic acid (CGA 50266, Dimethachlor-OA)</td>
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<td>Dimethachlor Metabolite - CGA 369873</td>
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<td>Dimethachlor Metabolite - CGA 373464 (acetic acid methyl ester)</td>
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<td>Dimethachlor Metabolite - CGA 373464 (free acid)</td>
<td>µg/l</td>
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<td>Dimethenamide</td>
<td>µg/l</td>
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<td>0.648</td>
<td>0.0433</td>
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<td>Dimethenamid-P-sulfonic acid (Dimethenamid-ESA)</td>
<td>µg/l</td>
<td>- ±</td>
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<td>&lt;0.01 (LOQ)</td>
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<tr>
<td>Dimethenamid-P-acid (Dimethenamid-OA)</td>
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<td>Diuron</td>
<td>µg/l</td>
<td>0.295 ± 0.0188</td>
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<td>Ethofumesate</td>
<td>µg/l</td>
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<td>Flufenacet</td>
<td>µg/l</td>
<td>0.43 ± 0.0434</td>
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<td>0.257</td>
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<td>Flufenacet sulfonic acid (Flufenacet-ESA)</td>
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<td>Flufenacet oxanilic acid (Flufenacet-OA)</td>
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<td>Glyphosate</td>
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<td>0.0641</td>
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<td>Heptachlor</td>
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<td>0.0281</td>
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<td>Heptachlor epoxid</td>
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<td>0.822</td>
<td>0.493</td>
<td>0.0268</td>
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<td>Imidacloprid</td>
<td>µg/l</td>
<td>0.307 ± 0.0287</td>
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<td>Iodosulfuron-methyl</td>
<td>µg/l</td>
<td>0.405 ± 0.0469</td>
<td>0.072</td>
<td>0.043</td>
<td>0.0518</td>
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<td>Isoproturon</td>
<td>µg/l</td>
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<td>0.267</td>
<td>0.08</td>
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<td>Isoproturon-desmethyl</td>
<td>µg/l</td>
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<td>MCPA</td>
<td>µg/l</td>
<td>0.237 ± 0.0108</td>
<td>0.209</td>
<td>0.0627</td>
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<td>MCPB</td>
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<td>MCPP (Mecoprop)</td>
<td>µg/l</td>
<td>0.118 ± 0.00973</td>
<td>0.105</td>
<td>0.032</td>
<td>0.0152</td>
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<td>Mesosulfuron-methyl</td>
<td>µg/l</td>
<td>0.228 ± 0.0255</td>
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<td>0.02</td>
<td>0.0241</td>
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<td>Metalaxyl</td>
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<td>Metamitron</td>
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<td>0.256</td>
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<td>0.0093</td>
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<td>Metazachlor ethane sulfonic acid (Metazachlor-ESA)</td>
<td>µg/l</td>
<td>- ±</td>
<td>-</td>
<td>&lt;0.01 (LOQ)</td>
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</tr>
<tr>
<td>Metazachlor oxanilic acid (Metazachlor-OA)</td>
<td>µg/l</td>
<td>- ±</td>
<td>-</td>
<td>&lt;0.01 (LOQ)</td>
<td>-</td>
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<tr>
<td>Metolachlor</td>
<td>µg/l</td>
<td>0.403 ± 0.0313</td>
<td>0.37</td>
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<td>0.0489</td>
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<td>Metribuzin</td>
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<td>0.0895 ± 0.00875</td>
<td>0.364</td>
<td>0.218</td>
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<td>Target ±</td>
<td>Cl(99%)</td>
<td>Result ±</td>
<td>Criteria</td>
<td>Recovery</td>
</tr>
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<td>Metribuzin-desamino</td>
<td>µg/l</td>
<td>- ±</td>
<td>&lt;0.01 (LOQ)</td>
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<tr>
<td>Metsulfuron-methyl</td>
<td>µg/l</td>
<td>0.254 ± 0.0343</td>
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<td>µg/l</td>
<td>- ±</td>
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<tr>
<td>Nicosulfurone</td>
<td>µg/l</td>
<td>0.919 ± 0.222</td>
<td>0.398 0.239</td>
<td>0.276</td>
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<td>Pethoxam</td>
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<td>0.176 ± 0.0111</td>
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<td>Propazine</td>
<td>µg/l</td>
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<td>3.12 1.872</td>
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<td>Propazine-2-hydroxy</td>
<td>µg/l</td>
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<tr>
<td>Propiconazole</td>
<td>µg/l</td>
<td>0.152 ± 0.0146</td>
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<td>0.0194</td>
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<td>s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)</td>
<td>µg/l</td>
<td>- ±</td>
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<td>s-Metolachlor oxanilic acid (Metolachlor-OA)</td>
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<td>- ±</td>
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<tr>
<td>s-Metolachlor Metabolite NOA 413173</td>
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<tr>
<td>Simazine</td>
<td>µg/l</td>
<td>0.123 ± 0.00681</td>
<td>0.1449 0.0681</td>
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<tr>
<td>Terbutylazine</td>
<td>µg/l</td>
<td>0.254 ± 0.0165</td>
<td>0.2795 0.0839</td>
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<td>Terbutylazine-2-hydroxy</td>
<td>µg/l</td>
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<tr>
<td>Terbutylazine-desethyl-2-hydroxy</td>
<td>µg/l</td>
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<td>Terbutylazine-desethyl</td>
<td>µg/l</td>
<td>- ±</td>
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<tr>
<td>Thiacloprid</td>
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<td>0.401 0.241</td>
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<td>Thifensulfuron-methyl</td>
<td>µg/l</td>
<td>0.765 ± 0.0774</td>
<td>0.205 0.123</td>
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<td>Tolyfuanil</td>
<td>µg/l</td>
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<td>&lt;0.01 (LOQ)</td>
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<td>Tribenuron-methyl</td>
<td>µg/l</td>
<td>0.154 ± 0.0906</td>
<td>0.05 0.03</td>
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<td>Triclopyr</td>
<td>µg/l</td>
<td>0.48 ± 0.0503</td>
<td>0.015 0.009</td>
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<td>3.12</td>
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<td>Triflusulfuron-Methyl</td>
<td>µg/l</td>
<td>0.407 ± 0.143</td>
<td>0.119 0.071</td>
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<td>Tritosulfuron</td>
<td>µg/l</td>
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**Sample: PM02B**

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<th>Parameter</th>
<th>Unit</th>
<th>Target ±</th>
<th>Cl(99%)</th>
<th>Result ±</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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<tbody>
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<td>2,4-D (2,4-Dichlorophenoxyaceticacid)</td>
<td>µg/l</td>
<td>0.191 ± 0.0152</td>
<td>0.065 0.039</td>
<td>0.0227</td>
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<tr>
<td>2,6-Dichlorobenzamide</td>
<td>µg/l</td>
<td>2.53 ± 0.132</td>
<td>2.548 0.7644</td>
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<td>2-Amino-4-methoxy-6-methyl-1,3,5-triazine</td>
<td>µg/l</td>
<td>0.182 ± 0.0175</td>
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<td>3,5,6-Trichloro-2-pyridinol</td>
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<td>Alachlor</td>
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<td>Parameter</td>
<td>Unit</td>
<td>Target ± CI(99%)</td>
<td>Result ± U</td>
<td>Criteria</td>
<td>Recovery</td>
<td>z-score</td>
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<tr>
<td>Alachlor-t-acid (Alachlor-OA)</td>
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<td>0.475 ± 0.0605</td>
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<td>AMPA</td>
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<td>0.715 ± 0.159</td>
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<td>Atrazine</td>
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<td>&lt;0.01 (LOQ)</td>
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<tr>
<td>Atrazine-2-hydroxy</td>
<td>µg/l</td>
<td>1.52 ± 0.174</td>
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<tr>
<td>Atrazine-desethyl</td>
<td>µg/l</td>
<td>0.212 ± 0.0153</td>
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<td>0.0711</td>
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<tr>
<td>Atrazine-desethyl-desisopropyl</td>
<td>µg/l</td>
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<td>Atrazine-desisopropyl</td>
<td>µg/l</td>
<td>0.46 ± 0.0348</td>
<td>-</td>
<td>-</td>
<td>0.0493</td>
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</tr>
<tr>
<td>Azoxystrobin</td>
<td>µg/l</td>
<td>- ± -</td>
<td>-</td>
<td>-</td>
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</tr>
<tr>
<td>Azoxystrobin-O-demethyl (CyPM)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>-</td>
<td>-</td>
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<tr>
<td>Bentazon</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
<td>-</td>
<td>-</td>
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<tr>
<td>Bromacil</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
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<tr>
<td>Chloridazon</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
<td>-</td>
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<tr>
<td>Chloridazon-desphenyl</td>
<td>µg/l</td>
<td>3.1 ± 0.194</td>
<td>3.1</td>
<td>0.93</td>
<td>0.225</td>
<td>99.6</td>
<td>-0.05</td>
</tr>
<tr>
<td>Chloridazon-methyl-desphenyl</td>
<td>µg/l</td>
<td>0.115 ± 0.00942</td>
<td>0.1374</td>
<td>0.0412</td>
<td>0.0104</td>
<td>119</td>
<td>2.13</td>
</tr>
<tr>
<td>Chlorothalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>-</td>
<td>-</td>
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<td></td>
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<tr>
<td>Chlorothalonil sulfonic acid</td>
<td>µg/l</td>
<td>- ± -</td>
<td>1.1</td>
<td>0.242</td>
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<tr>
<td>Clopyralid</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
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<tr>
<td>Clothianidin</td>
<td>µg/l</td>
<td>- ± -</td>
<td>-</td>
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<tr>
<td>Dicamba</td>
<td>µg/l</td>
<td>- ± -</td>
<td>0.065</td>
<td>0.039</td>
<td>-</td>
<td>-</td>
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<tr>
<td>Dichlorprop</td>
<td>µg/l</td>
<td>0.222 ± 0.0162</td>
<td>0.068</td>
<td>0.041</td>
<td>0.023</td>
<td>30.7</td>
<td>-6.70</td>
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<td>Dieldrin</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
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<tr>
<td>Dimethachlor</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>Dimethachlor ethane sulfonic acid (CGA 354742, Dimethachlor-ESA)</td>
<td>µg/l</td>
<td>0.462 ± 0.0516</td>
<td>0.533</td>
<td>0.32</td>
<td>0.0516</td>
<td>115</td>
<td>1.38</td>
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<tr>
<td>Dimethachlor oxalamic acid (CGA 50266, Dimethachlor-OA)</td>
<td>µg/l</td>
<td>0.2 ± 0.0487</td>
<td>0.051</td>
<td>0.031</td>
<td>0.0429</td>
<td>25.5</td>
<td>-3.48</td>
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<td>Dimethachlor Metabolite - CGA 369873</td>
<td>µg/l</td>
<td>- ± -</td>
<td>-</td>
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<tr>
<td>Dimethachlor Metabolite - CGA 373464 (acetic acid methyl ester)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>-</td>
<td>-</td>
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<tr>
<td>Dimethachlor Metabolite - CGA 373464 (free acid)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>-</td>
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<tr>
<td>Dimethenamide</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
<td>-</td>
<td>-</td>
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<tr>
<td>Dimethenamide-P-sulfonic acid</td>
<td>µg/l</td>
<td>0.911 ± 0.187</td>
<td>1.01</td>
<td>0.606</td>
<td>0.197</td>
<td>111</td>
<td>0.50</td>
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<td>Parameter</td>
<td>Unit</td>
<td>Target ± CI(99%)</td>
<td>Result ± U</td>
<td>Criteria</td>
<td>Recovery</td>
<td>z-score</td>
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<tr>
<td>(Dimethenamid-ESA)</td>
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<tr>
<td>Dimethenamid-P-acid (Dimethenamid-OA)</td>
<td>µg/l</td>
<td>0.371 ± 0.0703</td>
<td>0.039 0.023</td>
<td>0.0574</td>
<td>10.5</td>
<td>-5.79</td>
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<tr>
<td>Diuron</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
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<tr>
<td>Ethofumesate</td>
<td>µg/l</td>
<td>- ± -</td>
<td>-</td>
<td>-</td>
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<tr>
<td>Flufenacet</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
<td>-</td>
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</tr>
<tr>
<td>Flufenacet sulfonic acid (Flufenacet-ESA)</td>
<td>µg/l</td>
<td>0.8 ± 0.215</td>
<td>1.38 0.828</td>
<td>0.176</td>
<td>173</td>
<td>3.30</td>
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<tr>
<td>Flufenacet oxanilic acid (Flufenacet-OA)</td>
<td>µg/l</td>
<td>0.191 ± 0.0874</td>
<td>0.039 0.023</td>
<td>0.0771</td>
<td>20.5</td>
<td>-1.97</td>
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<tr>
<td>Glufosinate</td>
<td>µg/l</td>
<td>- ± -</td>
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<tr>
<td>Glyphosate</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
<td>-</td>
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<tr>
<td>Heptachlor</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
<td>-</td>
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</tr>
<tr>
<td>Heptachlor epoxid</td>
<td>µg/l</td>
<td>0.185 ± 0.0222</td>
<td>0.1482 0.0726</td>
<td>0.0196</td>
<td>80.3</td>
<td>-1.86</td>
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<tr>
<td>Hexazinone</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
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<tr>
<td>Imidacloprid</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
<td>-</td>
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<tr>
<td>Iodosulfuron-methyl</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
<td>-</td>
<td>-</td>
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<tr>
<td>Isoproturon</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
<td>-</td>
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<tr>
<td>Isoproturon-desmethyl</td>
<td>µg/l</td>
<td>0.147 ± 0.0118</td>
<td>- -</td>
<td>0.0104</td>
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<tr>
<td>MCPA</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
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<tr>
<td>MCPB</td>
<td>µg/l</td>
<td>0.485 ± 0.039</td>
<td>- -</td>
<td>0.0503</td>
<td>-</td>
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<tr>
<td>MCPP (Mecoprop)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
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<tr>
<td>Mesosulfuron-methyl</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
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<tr>
<td>Metalaxyl</td>
<td>µg/l</td>
<td>- ± -</td>
<td>- -</td>
<td>-</td>
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<tr>
<td>Metamitron</td>
<td>µg/l</td>
<td>0.157 ± 0.0156</td>
<td>- -</td>
<td>0.0227</td>
<td>-</td>
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<tr>
<td>Metazachlor</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
<td>-</td>
<td>-</td>
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<td></td>
</tr>
<tr>
<td>Metazachlor ethane sulfonic acid (Metazachlor-ESA)</td>
<td>µg/l</td>
<td>2.77 ± 0.367</td>
<td>2.181 1.31</td>
<td>0.441</td>
<td>78.8</td>
<td>-1.33</td>
<td></td>
</tr>
<tr>
<td>Metazachlor oxanilic acid (Metazachlor-OA)</td>
<td>µg/l</td>
<td>1.32 ± 0.202</td>
<td>0.124 0.0744</td>
<td>0.233</td>
<td>9.39</td>
<td>-5.13</td>
<td></td>
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<tr>
<td>Metolachlor</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
<td>-</td>
<td>-</td>
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</tr>
<tr>
<td>Metribuzin</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
<td>-</td>
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</tr>
<tr>
<td>Metribuzin-desamino</td>
<td>µg/l</td>
<td>0.256 ± 0.0346</td>
<td>1.353 0.812</td>
<td>0.0305</td>
<td>529</td>
<td>36.00</td>
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<tr>
<td>Metsulfuron-methyl</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
<td>-</td>
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<tr>
<td>N,N-Dimethyloxamide (DMS)</td>
<td>µg/l</td>
<td>1.07 ± 0.217</td>
<td>- -</td>
<td>0.205</td>
<td>-</td>
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<tr>
<td>Nicosulfuron</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
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<tr>
<td>Pethoxamid</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
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<tr>
<td>Propazine</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
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<tr>
<td>Propazine-2-hydroxy</td>
<td>µg/l</td>
<td>0.205 ± 0.0224</td>
<td>- -</td>
<td>0.0183</td>
<td>-</td>
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<tr>
<td>Propiconazole</td>
<td>µg/l</td>
<td>0.363 ± 0.0362</td>
<td>0.35 0.21</td>
<td>0.0482</td>
<td>96.4</td>
<td>-0.27</td>
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<tr>
<td>Parameter</td>
<td>Unit</td>
<td>Target $\pm$ CI(99%)</td>
<td>Result $\pm$ U</td>
<td>Criteria</td>
<td>Recovery</td>
<td>z-score</td>
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<tr>
<td>s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)</td>
<td>µg/l</td>
<td>2.75 ± 0.245</td>
<td>2.75 ± 0.605</td>
<td>0.317</td>
<td>100</td>
<td>0.01</td>
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<tr>
<td>s-Metolachlor oxanilic acid (Metolachlor-OA)</td>
<td>µg/l</td>
<td>1.09 ± 0.142</td>
<td>1.11 ± 0.167</td>
<td>0.171</td>
<td>102</td>
<td>0.11</td>
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<tr>
<td>s-Metolachlor Metabolite CGA 368208</td>
<td>µg/l</td>
<td>- ± -</td>
<td>- ± -</td>
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<tr>
<td>s-Metolachlor Metabolite NOA 413173</td>
<td>µg/l</td>
<td>- ± -</td>
<td>- ± -</td>
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<tr>
<td>Simazine</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
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<tr>
<td>Terbuthylazine</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
<td>-</td>
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<tr>
<td>Terbuthylazine-2-hydroxy</td>
<td>µg/l</td>
<td>0.204 ± 0.0276</td>
<td>-</td>
<td>-</td>
<td>0.0244</td>
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<tr>
<td>Terbuthylazine-desethyl-2-hydroxy</td>
<td>µg/l</td>
<td>0.122 ± 0.0256</td>
<td>-</td>
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<td>0.0209</td>
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<tr>
<td>Terbuthylazine-desethyl</td>
<td>µg/l</td>
<td>0.504 ± 0.0313</td>
<td>1.559 ± 0.935</td>
<td>0.0417</td>
<td>309</td>
<td>25.30</td>
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<tr>
<td>Thiacioprid</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
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<tr>
<td>Thiamethoxam</td>
<td>µg/l</td>
<td>0.128 ± 0.0118</td>
<td>0.058 ± 0.035</td>
<td>0.0141</td>
<td>45.3</td>
<td>-4.96</td>
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<td>Thifensulfuron-methyl</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
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<tr>
<td>Tolyfluanid</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
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<td>Tribenuron-methyl</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
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<tr>
<td>Triclopyr</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
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<tr>
<td>Triflusulfuron-Methyl</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
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<tr>
<td>Tritosulfuron</td>
<td>µg/l</td>
<td>- ± -</td>
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<td>Measurand</td>
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<td>PM02 B</td>
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<tr>
<td>2,4-D (2,4-Dichlorophenoxyacetic acid)</td>
<td>-6.0</td>
<td>101.9</td>
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<td>2,6-Dichlorobenzamide</td>
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<td>2-Amino-4-methoxy-6-methyl-1,3,5-triazine</td>
<td>-6.2</td>
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<td>Alachlor</td>
<td>-6.3</td>
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<td>Alachlor-t-acid (Alachlor-OA)</td>
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<tr>
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<td>-4.3</td>
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The following results were achieved:

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<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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**Sample: PM02B**

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<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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<td>Metribuzin</td>
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<td>Unit</td>
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<td>Result ± U</td>
<td>Criteria</td>
<td>Recovery</td>
<td>z-score</td>
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Laboratory oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Laboratory: LC0012

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<th>PM02 B</th>
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<td>Atrazine</td>
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<tr>
<td>Atrazine-2-hydroxy</td>
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<td>Atrazine-desethyl</td>
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<td>Atrazine-desisopropyl</td>
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<td>Azoxystrobin</td>
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<td>Bentazon</td>
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<td>Isoproturon</td>
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<td>Metamitron</td>
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<td>Metazachlor ethane sulfonic acid (Metazachlor-ESA)</td>
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<td>Metazachlor oxanilic acid (Metazachlor-OA)</td>
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<td>Metolachlor</td>
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<td>Metribuzin</td>
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<td>Thiacloprid</td>
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The following results were achieved:

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<th>Parameter</th>
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<th>Target ± CI(99%)</th>
<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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<tbody>
<tr>
<td>2,4-D (2,4-Dichlorophenoxyacetic acid)</td>
<td>µg/l</td>
<td>0.303 ± 0.022</td>
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<td>2,6-Dichlorobenzamide</td>
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<td>Atrazine-desethyl</td>
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<td>Atrazine-desethyl-desisopropyl</td>
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<td>Atrazine-desisopropyl</td>
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<td>Bentazone</td>
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<td>Bromacil</td>
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<td>Chloridazon-desphenyl</td>
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<td>Chloridazon-methyl-desphenyl</td>
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<td>Chlorothalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)</td>
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<td>Chlorothalonil sulfonic acid (Chlorothalonil-ESA)</td>
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<td>µg/l</td>
<td>0.162 ± 0.0146</td>
<td>-</td>
<td>0.0162</td>
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<tr>
<td>Dicamba</td>
<td>µg/l</td>
<td>0.683 ± 0.0311</td>
<td>-</td>
<td>0.0328</td>
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<td>Dichlorprop</td>
<td>µg/l</td>
<td>0.606 ± 0.0444</td>
<td>0.687 ± 0.137</td>
<td>0.0662</td>
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<td>Dieldrin</td>
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<td>Dimethachlor</td>
<td>µg/l</td>
<td>0.432 ± 0.0351</td>
<td>0.39 ± 0.078</td>
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<td>-0.93</td>
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<tr>
<td>Dimethachlor ethane sulfonic acid (CGA 354742, Dimethachlor-ESA)</td>
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<td>- ±</td>
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<tr>
<td>Parameter</td>
<td>Unit</td>
<td>Target</td>
<td>± CI(99%)</td>
<td>Result</td>
<td>± U</td>
<td>Criteria</td>
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<td>µg/l</td>
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<tr>
<td>Dimethachlor Metabolite - CGA 373464 (acetic acid methyl ester)</td>
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<tr>
<td>Dimethachlor Metabolite - CGA 373464 (free acid)</td>
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<td>Dimethenamid-P-sulfonic acid (Dimethenamid-ESA)</td>
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<td>- ±</td>
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<td>Dimethenamid-P-acid (Dimethenamid-OA)</td>
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<td>Dibenzoxazin</td>
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<td>Flufenacet oxamic acid (Flufenacet-OA)</td>
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<tr>
<td>Glufosinate</td>
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<td>Glyphosate</td>
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<td>MCPA</td>
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<td>MCPP (Mecoprop)</td>
<td>µg/l</td>
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<td>Mesosulfuron-methyl</td>
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<td>Metazachlor</td>
<td>µg/l</td>
<td>0.26 ± 0.00676</td>
<td>0.256</td>
<td>0.051</td>
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<td>98.4</td>
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<td>Metazachlor ethane sulfonic acid (Metazachlor-ESA)</td>
<td>µg/l</td>
<td>- ±</td>
<td>-</td>
<td>&lt;0.02 (LOQ)</td>
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<tr>
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<td>Metolachlor</td>
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<td>Parameter</td>
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<td>Result ± U</td>
<td>Criteria</td>
<td>Recovery</td>
<td>z-score</td>
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<td>Metribuzin-desamino</td>
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<td>µg/l</td>
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<tr>
<td>N,N-Dimethylsulfamide (DMS)</td>
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<td>Nicosulfurone</td>
<td>µg/l</td>
<td>0.919 ± 0.222</td>
<td>0.965 0.193</td>
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<td>Pethoxamid</td>
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<td>0.176 ± 0.0111</td>
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<td>Propazine</td>
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<td>Propazine-2-hydroxy</td>
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<tr>
<td>Propiconazole</td>
<td>µg/l</td>
<td>0.152 ± 0.0146</td>
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<td>s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)</td>
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<td>- ± -</td>
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<tr>
<td>Simazine</td>
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<td>0.114 0.023</td>
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<tr>
<td>Terbutylazine</td>
<td>µg/l</td>
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<td>0.0258</td>
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<td>Terbutylazine-2-hydroxy</td>
<td>µg/l</td>
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<tr>
<td>Terbutylazine-desethyl-2-hydroxy</td>
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<td>Terbutylazine-desethyl</td>
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<tr>
<td>Thiacloprid</td>
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<td>Thiamethoxam</td>
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<td>Thifensulfuron-methyl</td>
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<td>Tolyfluanid</td>
<td>µg/l</td>
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<td>Tribenuron-methyl</td>
<td>µg/l</td>
<td>0.154 ± 0.0906</td>
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<td>Triclopyr</td>
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<td>0.48 ± 0.0503</td>
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<td>Triflusulfuron-Methyl</td>
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<td>Tritosulfuron</td>
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Sample: PM02B

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<th>Parameter</th>
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<th>Target ± CI(99%)</th>
<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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<td>2,4-D (2,4-Dichlorophenoxyacetic acid)</td>
<td>µg/l</td>
<td>0.191 ± 0.0152</td>
<td>0.192 0.038</td>
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<td>2,6-Dichlorobenzamide</td>
<td>µg/l</td>
<td>2.53 ± 0.132</td>
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<td>2-Amino-4-methoxy-6-methyl-1,3,5-triazine</td>
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<td>0.182 ± 0.0175</td>
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<td>3,5,6-Trichloro-2-pyridinol</td>
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<td>Alachlor</td>
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<tr>
<td>Parameter</td>
<td>Unit</td>
<td>Target ± CI(99%)</td>
<td>Result ± U</td>
<td>Criteria</td>
<td>Recovery</td>
<td>z-score</td>
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<tr>
<td>Alachlor-t-sulfonic acid (Alachlor-ESA)</td>
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<td>- ± -</td>
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<tr>
<td>Atrazine-2-hydroxy</td>
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<td>Atrazine-desethyl</td>
<td>µg/l</td>
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<td>Atrazine-desethyl-desisopropyl</td>
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<td>0.872 ± 0.204</td>
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<td>Atrazine-desisopropyl</td>
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<td>Azoxytrobin</td>
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<td>Bentazone</td>
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<td>Chloridazon</td>
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<tr>
<td>Chloridazon-desphenyl</td>
<td>µg/l</td>
<td>3.11 ± 0.194</td>
<td>2.823</td>
<td>0.565</td>
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<tr>
<td>Chloridazon-methyl-desphenyl</td>
<td>µg/l</td>
<td>0.115 ± 0.00942</td>
<td>0.125</td>
<td>0.025</td>
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<tr>
<td>Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)</td>
<td>µg/l</td>
<td>- ± -</td>
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<tr>
<td>Chlorothalonil sulfonic acid (Chlorothalonil-ESA)</td>
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<td>Clopyralid</td>
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<td>Clothianidin</td>
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<td>Dichlobenil</td>
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<td>Dieldrin</td>
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<td>Dimethachlor</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.02 (LOQ)</td>
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<td>0.462 ± 0.0516</td>
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<td>Dimethachlor Metabolite - CGA 369873</td>
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<td>Dimethachlor Metabolite - CGA 373464 (acetic acid methyl ester)</td>
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<td>- ± -</td>
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<td>Dimethachlor Metabolite - CGA 373464 (free acid)</td>
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<td>Dimethenamide</td>
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<td>Dimethenamid-P-sulfonic acid</td>
<td>µg/l</td>
<td>0.911 ± 0.187</td>
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<td>0.235</td>
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<td>Unit</td>
<td>Target ± CI(99%)</td>
<td>Result ± U</td>
<td>Criteria</td>
<td>Recovery</td>
<td>z-score</td>
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<td>Ethofumesate</td>
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<td>Flufenacet</td>
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<td>Flufenacet sulfonic acid (Flufenacet-ESA)</td>
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<td>Glufosinate</td>
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<td>Heptachlor</td>
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<td>Heptachlor epoxid</td>
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<td>Imidacloprid</td>
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<td>Iodosulfuron-methyl</td>
<td>µg/l</td>
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<tr>
<td>Isoproturon</td>
<td>µg/l</td>
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<tr>
<td>Isoproturon-desmethyl</td>
<td>µg/l</td>
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<tr>
<td>MCPA</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.02 (LOQ)</td>
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<tr>
<td>MCPP</td>
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<td>0.485 ± 0.039</td>
<td>0.458</td>
<td>0.137</td>
<td>0.0503</td>
<td>94.5</td>
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<td>MCPB</td>
<td>µg/l</td>
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<td>0.137</td>
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<tr>
<td>Metalaxyl</td>
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<tr>
<td>Metamitron</td>
<td>µg/l</td>
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<td>0.147</td>
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<td>0.0227</td>
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<td>Metazachlor</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.02 (LOQ)</td>
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<tr>
<td>Metazachlor ethane sulfonic acid (Metazachlor-ESA)</td>
<td>µg/l</td>
<td>2.77 ± 0.367</td>
<td>2.698</td>
<td>0.539</td>
<td>0.441</td>
<td>97.5</td>
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<tr>
<td>Metazachlor oxanilic acid (Metazachlor-OA)</td>
<td>µg/l</td>
<td>1.32 ± 0.202</td>
<td>1.08</td>
<td>0.216</td>
<td>0.233</td>
<td>81.8</td>
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<td>Metolachlor</td>
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<tr>
<td>Metribufuron-methyl</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.02 (LOQ)</td>
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<tr>
<td>Metribufuron-desamino</td>
<td>µg/l</td>
<td>0.256 ± 0.0346</td>
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<tr>
<td>Metsulfuron-methyl</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.02 (LOQ)</td>
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<tr>
<td>N,N-Dimethylsulfamide (DMS)</td>
<td>µg/l</td>
<td>1.07 ± 0.217</td>
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<tr>
<td>Nicosulfuron</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.02 (LOQ)</td>
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<tr>
<td>Pethoxamid</td>
<td>µg/l</td>
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<tr>
<td>Propazine</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.02 (LOQ)</td>
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<tr>
<td>Propazine-2-hydroxy</td>
<td>µg/l</td>
<td>0.205 ± 0.0224</td>
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<td>0.0183</td>
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<td>Propiconazole</td>
<td>µg/l</td>
<td>0.363 ± 0.0362</td>
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Laboratory oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Laboratory: LC0013
<table>
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<th>Parameter</th>
<th>Unit</th>
<th>Target</th>
<th>± CI(99%)</th>
<th>Result</th>
<th>± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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<tbody>
<tr>
<td>s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)</td>
<td>µg/l</td>
<td>2.75</td>
<td>± 0.245</td>
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<td>s-Metolachlor oxanilic acid (Metolachlor-OA)</td>
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<td>1.09</td>
<td>± 0.142</td>
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<td>s-Metolachlor Metabolite CGA 368208</td>
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<td>-</td>
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<td>µg/l</td>
<td>-</td>
<td>± -</td>
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</tr>
<tr>
<td>Simazine</td>
<td>µg/l</td>
<td>-</td>
<td>± -</td>
<td>&lt;0.02 (LOQ)</td>
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<tr>
<td>Terbutylazine</td>
<td>µg/l</td>
<td>0.204</td>
<td>± 0.0276</td>
<td>-</td>
<td>-</td>
<td>0.0244</td>
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<td>Terbutylazine-2-hydroxy</td>
<td>µg/l</td>
<td>0.122</td>
<td>± 0.0256</td>
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<td>Terbutylazine-desethyl-2-hydroxy</td>
<td>µg/l</td>
<td>0.504</td>
<td>± 0.0313</td>
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<td>Thiocloprid</td>
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<td>&lt;0.02 (LOQ)</td>
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<td>Thiamethoxam</td>
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<td>0.128</td>
<td>± 0.0118</td>
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<td>0.025</td>
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<td>± -</td>
<td>&lt;0.02 (LOQ)</td>
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<td>Tolyfluclid</td>
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<td>Tribenuron-methyl</td>
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<tr>
<td>Triclopyr</td>
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<td>± -</td>
<td>&lt;0.1 (LOQ)</td>
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<td>Triflusulfuron-Methyl</td>
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<td>± -</td>
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Laboratory oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Laboratory: LC0013

Sample

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<th>PM02 B</th>
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<tr>
<td>Atrazine</td>
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<tr>
<td>Atrazine-desethyl</td>
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<td>Atrazine-desisopropyl</td>
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<td>Azoxystrobin</td>
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<td>Bentazon</td>
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<td>Chloridazon</td>
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<td>Chloridazon-desphenyl</td>
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<td>Dichlorprop</td>
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<td>Dimethachlor</td>
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<td>MCPP (Mecoprop)</td>
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<td>Metalaxyl</td>
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<td>Metamitron</td>
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<td>Metazachlor ethane sulfonic acid (Metazachlor-ESA)</td>
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<td>Metazachlor oxanilic acid (Metazachlor-OA)</td>
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<td>Propiconazole</td>
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<td>s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)</td>
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<td>Terbuthylazine</td>
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<td>Thiamethoxam</td>
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<tr>
<td>Triclopyr</td>
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z-score
The following results were achieved:

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Unit</th>
<th>Target ± U</th>
<th>CI(99%)</th>
<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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</thead>
<tbody>
<tr>
<td>2,4-D (2,4-Dichlorophenoxyacetic acid)</td>
<td>µg/l</td>
<td>0.303 ± 0.022</td>
<td>0.0327</td>
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<tr>
<td>2,6-Dichlorobenzamide</td>
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<td>2-Amino-4-methoxy-6-methyl-1,3,5-triazine</td>
<td>µg/l</td>
<td>- ± -</td>
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<tr>
<td>3,6-Trichloro-2-pyridinol</td>
<td>µg/l</td>
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<td>Alachlor</td>
<td>µg/l</td>
<td>0.5 ± 0.0649</td>
<td>0.0838</td>
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<tr>
<td>Alachlor-t-sulfonic acid (Alachlor-ESA)</td>
<td>µg/l</td>
<td>- ± -</td>
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<tr>
<td>Alachlor-t-acid (Alachlor-OA)</td>
<td>µg/l</td>
<td>- ± -</td>
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<td>Aldrin</td>
<td>µg/l</td>
<td>0.0379 ± 0.00855</td>
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<td>0.227 0.07</td>
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<td>µg/l</td>
<td>0.154 ± 0.00877</td>
<td>0.0137</td>
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<td>Atrazine-2-hydroxy</td>
<td>µg/l</td>
<td>- ± -</td>
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<td>Atrazine-desethyl</td>
<td>µg/l</td>
<td>- ± -</td>
<td>-</td>
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<tr>
<td>Atrazine-desethyl-desisopropyl</td>
<td>µg/l</td>
<td>- ± -</td>
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<td>Atrazine-desisopropyl</td>
<td>µg/l</td>
<td>- ± -</td>
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<tr>
<td>Azoxystrobin</td>
<td>µg/l</td>
<td>0.141 ± 0.0175</td>
<td>0.0226</td>
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<td>Azoxystrobin-O-demethyl (CyPM)</td>
<td>µg/l</td>
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<td>Bentazon</td>
<td>µg/l</td>
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<td>0.0116</td>
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<td>Bromacil</td>
<td>µg/l</td>
<td>0.164 ± 0.0144</td>
<td>0.0152</td>
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<td>Chloridazon</td>
<td>µg/l</td>
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<td>0.00756</td>
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<tr>
<td>Chloridazon-desphenyl</td>
<td>µg/l</td>
<td>- ± -</td>
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<tr>
<td>Chloridazon-methyl-desphenyl</td>
<td>µg/l</td>
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<td>Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)</td>
<td>µg/l</td>
<td>- ± -</td>
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<td>Ciloxanil</td>
<td>µg/l</td>
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<td>Clothianidin</td>
<td>µg/l</td>
<td>0.162 ± 0.0146</td>
<td>0.0162</td>
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<td>Dicamba</td>
<td>µg/l</td>
<td>0.683 ± 0.0311</td>
<td>0.0328</td>
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<td>Dichlorprop</td>
<td>µg/l</td>
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<td>Dieldrin</td>
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<td>Dimethachlor</td>
<td>µg/l</td>
<td>0.432 ± 0.0351</td>
<td>0.0453</td>
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<td>Dimethachlor ethane sulfonic acid (CGA 354742, Dimethachlor-ESA)</td>
<td>µg/l</td>
<td>- ± -</td>
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<tr>
<td>Parameter</td>
<td>Unit</td>
<td>Target</td>
<td>± CI(99%)</td>
<td>Result</td>
<td>± U</td>
<td>Criteria</td>
<td>Recovery</td>
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<td>Dimethachlor oxalamic acid (CGA 50266, Dimethachlor-OA)</td>
<td>µg/l</td>
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<td>Dimethachlor Metabolite - CGA 369873</td>
<td>µg/l</td>
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<td>Dimethachlor Metabolite - CGA 373464 (acetic acid methyl ester)</td>
<td>µg/l</td>
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<tr>
<td>Dimethenamide</td>
<td>µg/l</td>
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<td>0.0433</td>
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<td>µg/l</td>
<td>- ± -</td>
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<td>Dimethenamid-P-acid (Dimethenamid-OA)</td>
<td>µg/l</td>
<td>- ± -</td>
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<td>Diuron</td>
<td>µg/l</td>
<td>0.295 ± 0.0188</td>
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<td>Ethofumesate</td>
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<td>Flufenacet</td>
<td>µg/l</td>
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<td>Flufenacet sulfonic acid (Flufenacet-ESA)</td>
<td>µg/l</td>
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<td>Flufenacet oxanilic acid (Flufenacet-OA)</td>
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<td>- ± -</td>
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<td>µg/l</td>
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<td>Glyphosate</td>
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<td>Hexazinone</td>
<td>µg/l</td>
<td>0.22 ± 0.0201</td>
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<td>0.0268</td>
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<td>Isoproturon-desmethyl</td>
<td>µg/l</td>
<td>- ± -</td>
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<td>MCPA</td>
<td>µg/l</td>
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<td>MCPB</td>
<td>µg/l</td>
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<td>MCPP (Mecoprop)</td>
<td>µg/l</td>
<td>0.118 ± 0.00973</td>
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<td>Mesosulfuron-methyl</td>
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<td>Metalaxyl</td>
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<td>µg/l</td>
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<td>Metazachlor</td>
<td>µg/l</td>
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<td>Metazachlor ethane sulfonic acid (Metazachlor-ESA)</td>
<td>µg/l</td>
<td>- ± -</td>
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<tr>
<td>Metazachlor oxanilic acid (Metazachlor-OA)</td>
<td>µg/l</td>
<td>- ± -</td>
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<tr>
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<td>0.403 ± 0.0313</td>
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<td>Target ± CI(99%)</td>
<td>Result ± U</td>
<td>Criteria</td>
<td>Recovery</td>
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<td>Metribuzin-desamino</td>
<td>µg/l</td>
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<td>Metsulfuron-methyl</td>
<td>µg/l</td>
<td>0.254 ± 0.0343</td>
<td>-</td>
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<td>Nicosulfuron</td>
<td>µg/l</td>
<td>0.919 ± 0.222</td>
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<td>Pethoxamid</td>
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<td>0.176 ± 0.0111</td>
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<td>Propazine</td>
<td>µg/l</td>
<td>0.49 ± 0.0258</td>
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<td>Propazine-2-hydroxy</td>
<td>µg/l</td>
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<td>Propiconazole</td>
<td>µg/l</td>
<td>0.152 ± 0.0146</td>
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<td>s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)</td>
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<td>- ±</td>
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<td>s-Metolachlor oxanilic acid (Metolachlor-OA)</td>
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<td>- ±</td>
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<td>Simazine</td>
<td>µg/l</td>
<td>0.123 ± 0.00681</td>
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<td>0.254 ± 0.0165</td>
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<td>Terbutylazine-2-hydroxy</td>
<td>µg/l</td>
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<td>Terbutylazine-desethyl-2-hydroxy</td>
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<td>µg/l</td>
<td>0.154 ± 0.0906</td>
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<td>Triflusulfuron-Methyl</td>
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**Sample: PM02B**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Unit</th>
<th>Target ± CI(99%)</th>
<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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<tbody>
<tr>
<td>2,4-D (2,4-Dichlorophenoxyaceticacid)</td>
<td>µg/l</td>
<td>0.191 ± 0.0152</td>
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<tr>
<td>2,6-Dichlorobenzamide</td>
<td>µg/l</td>
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<tr>
<td>Parameter</td>
<td>Unit</td>
<td>Target</td>
<td>± Cl(99%)</td>
<td>Result</td>
<td>± U</td>
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<td>Bromacil</td>
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<td>Chloridazon</td>
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<td>Chloridazon-desphenyl</td>
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<td>Chlorothalonil Metabolite R611965</td>
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<td>Clopyralid</td>
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<td>Dicamba</td>
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<td>Dichlorprop</td>
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<td>Dimethachlor</td>
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<td>Dimethachlor ethane sulfonic acid (CGA 354742, Dimethachlor-ESA)</td>
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<td>Dimethachlor oxalamic acid (CGA 50266, Dimethachlor-OA)</td>
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<td>Dimethachlor Metabolite - CGA 373464 (acetic acid methyl ester)</td>
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<td>Dimethenamide</td>
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## Laboratory oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

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<thead>
<tr>
<th>Parameter</th>
<th>Unit</th>
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<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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<tbody>
<tr>
<td>Dimethenamid-ESA</td>
<td>µg/l</td>
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<tr>
<td>Ethofumesate</td>
<td>µg/l</td>
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<td>Flufenacet</td>
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<td>Flufenacet sulfonic acid (Flufenacet-ESA)</td>
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<td>Imidacloprid</td>
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<td>Methylsulfuron-methyl</td>
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<tr>
<td>Parameter</td>
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<td>Result ± U</td>
<td>Criteria</td>
<td>Recovery</td>
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<td>Terbuthylazine-2-hydroxy</td>
<td>µg/l</td>
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<td>Terbuthylazine-desethyl-2-hydroxy</td>
<td>µg/l</td>
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<td>Terbuthylazine-desethyl</td>
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<td>Thimetoxam</td>
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<td>Triclopyr</td>
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Laboratory oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Laboratory: LC0014

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<th>Measurand</th>
<th>PM02 A</th>
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<tbody>
<tr>
<td>AMPA</td>
<td>7.4</td>
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<tr>
<td>Glufosinate</td>
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<td>Glyphosate</td>
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Laboratory oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

The following results were achieved:

<table>
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<tr>
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<th>Unit</th>
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<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
</tr>
</thead>
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<tr>
<td>2,4-D (2,4-Dichlorophenoxyacetic acid)</td>
<td>µg/l</td>
<td>0.303 ± 0.022</td>
<td>0.287 0.06</td>
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<td>Bromacil</td>
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<td>Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)</td>
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<td>Dicamba</td>
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<td>Dimethachlor</td>
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This report was created with PROLab, a software by QuoData: http://www.quodata.de/
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<th>Parameter</th>
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<th>Target ± CI(99%)</th>
<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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## Laboratory oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

**Laboratory:** LC0015

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<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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<td>Propiconazole</td>
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### Sample: PM02B

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<th>Parameter</th>
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<th>Target ± CI(99%)</th>
<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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<td>2,6-Dichlorobenzamide</td>
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<td>Parameter</td>
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<td>µg/l</td>
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<tr>
<td>Atrazine</td>
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<td>- ± -</td>
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<td>Atrazine-2-hydroxy</td>
<td>µg/l</td>
<td>1.52 ± 0.174</td>
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<td>Atrazine-desethyl</td>
<td>µg/l</td>
<td>0.212 ± 0.0153</td>
<td>0.204 0.3</td>
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<td>Atrazine-desethyl-desisopropyl</td>
<td>µg/l</td>
<td>0.872 ± 0.204</td>
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<td>Atrazine-desisopropyl</td>
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<td>0.424 0.08</td>
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<td>Azoxystrobin</td>
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<td>Bentazone</td>
<td>µg/l</td>
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<td>Bromacil</td>
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<tr>
<td>Chloridazon</td>
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<td>Chloridazon-desphenyl</td>
<td>µg/l</td>
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<td>Dicamba</td>
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<td>Dimethachlor</td>
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<td>Result ± U</td>
<td>Criteria</td>
<td>Recovery</td>
<td>z-score</td>
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<td>Imidacloprid</td>
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<td>Metribuzin</td>
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<td>Metribuzin-desamino</td>
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<td>Pethoxamid</td>
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<td>&lt;0.02 (LOQ)</td>
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<td>Propazine</td>
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<td>- ± -</td>
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<tr>
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<td>Propiconazole</td>
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<td>Result ± U</td>
<td>Criteria</td>
<td>Recovery</td>
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<td>µg/l</td>
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<td>Terbuthylazine-desethyl</td>
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<td>Thiamefoxam</td>
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Laboratory oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Laboratory: LC0015

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z-score

Sample

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The following results were achieved:

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<th>Unit</th>
<th>Target ± Cl(99%)</th>
<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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<tr>
<td>2,4-D (2,4-Dichlorophenoxyacetic acid)</td>
<td>µg/l</td>
<td>0.303 ± 0.022</td>
<td>0.296 0.074</td>
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<td>2,6-Dichlorobenzamide</td>
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<td>0.98 0.294</td>
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<td>2-Amino-4-methoxy-6-methyl-1,3,5-triazine</td>
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<td>3,5,6-Trichloro-2-pyridinol</td>
<td>µg/l</td>
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<td>Alachlor</td>
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<td>Alachlor-t-sulfonic acid (Alachlor-ESA)</td>
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<td>- ± -</td>
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<td>Aldrin</td>
<td>µg/l</td>
<td>0.0379 ± 0.00855</td>
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<td>Bromacil</td>
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<tr>
<td>Chloridazon</td>
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<td>Chloridazon-desphenyl</td>
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<td>Chlorothalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)</td>
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<td>Clopyralid</td>
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<td>Dicamba</td>
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<td>Dichlorprop</td>
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<td>Dimethachlor</td>
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<td>0.396 0.079</td>
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<td>Dimethachlor ethane sulfonic acid (CGA 354742, Dimethachlor-ESA)</td>
<td>µg/l</td>
<td>- ± -</td>
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This report was created with PROLab, a software by QuoData: http://www.quodata.de/
<table>
<thead>
<tr>
<th>Parameter</th>
<th>Unit</th>
<th>Target ± CI(99%)</th>
<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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<tbody>
<tr>
<td>Dimethachlor oxalamic acid (CGA 50266, Dimethachlor-OA)</td>
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<td>Heptachlor epoxid</td>
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<td>Simazine</td>
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<td>Thiacloprid</td>
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<td>Thiamethoxam</td>
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<tr>
<td>Tolyffluanid</td>
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<td>Triclopyr</td>
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Sample: PM02B

<table>
<thead>
<tr>
<th>Parameter</th>
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<th>Target ±</th>
<th>Cl(99%)</th>
<th>Result ±</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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<tbody>
<tr>
<td>2,4-D (2,4-Dichlorophenoxyacetic acid)</td>
<td>µg/l</td>
<td>0.191 ±</td>
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<td>µg/l</td>
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<td>2-Amino-4-methoxy-6-methyl-1,3,5-triazine</td>
<td>µg/l</td>
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<td>3,5,6-Trichloro-2-pyridinol</td>
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<td>Atrazine-2-hydroxy</td>
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<td>Bromacil</td>
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<td>Chloridazon-desphenyl</td>
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<td>Dibucar</td>
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<td>Ethofumesate</td>
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<td>Glufosinate</td>
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<td>Glyphosate</td>
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<td>Heptachlor</td>
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<td>µg/l</td>
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<td>Hexazinone</td>
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<td>Imidacloprid</td>
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<td>Iodosulfuron-methyl</td>
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<td>Isoproturon</td>
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<td>0.16 0.032 0.0104 109 1.22</td>
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<td>MCPP</td>
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<td>Metamitron</td>
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<td>Metazachlor ethane sulfonic acid (Metazachlor-ESA)</td>
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<td>2.77 ± 0.367</td>
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<td>Metazachlor oxanilic acid (Metazachlor-OA)</td>
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<td>1.32 ± 0.202</td>
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<td>Metolachlor</td>
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<td>Methribuzin-desamino</td>
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<td>Pestezone</td>
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<tr>
<td>Propazine-2-hydroxy</td>
<td>µg/l</td>
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<td>0.199 0.04 0.0183 97.1 -0.33</td>
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<tr>
<td>Propiconazole</td>
<td>µg/l</td>
<td>0.363 ± 0.0362</td>
<td>0.289 0.058 0.0482 79.6 -1.53</td>
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### Laboratory oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

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<th>Unit</th>
<th>Target ± CE(99%)</th>
<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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<tbody>
<tr>
<td>s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)</td>
<td>µg/l</td>
<td>2.75 ± 0.245</td>
<td>2.952</td>
<td>0.886</td>
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<td>1.09 ± 0.142</td>
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<td>Terbuthylazine</td>
<td>µg/l</td>
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<td>0.066</td>
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<td>Terbuthylazine-2-hydroxy</td>
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<td>0.122 ± 0.0256</td>
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<td>Terbuthylazine-desethyl-2-hydroxy</td>
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<td>0.504 ± 0.0313</td>
<td>0.519</td>
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<td>Thiacloprid</td>
<td>µg/l</td>
<td>0.128 ± 0.0118</td>
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## Laboratory oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

**Laboratory:** LC0016

### Measurand

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### z-score

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645/715
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<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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<td>Bromacil</td>
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This report was created with PROLab, a software by QuoData: http://www.quodata.de/
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# Laboratory oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

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<th>z-score</th>
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**Sample: PM02B**

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"648/715"
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<tr>
<td>Flufenacet sulfonic acid (Flufenacet-ESA)</td>
<td>µg/l</td>
<td>0.8 ± 0.215</td>
<td>- - -</td>
<td>0.176</td>
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<td>Flufenacet oxanilic acid (Flufenacet-OA)</td>
<td>µg/l</td>
<td>0.191 ± 0.0874</td>
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<td>0.0771</td>
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<td>Glufosinate</td>
<td>µg/l</td>
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<tr>
<td>Glyphosate</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOD)</td>
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<td>Heptachlor</td>
<td>µg/l</td>
<td>- ± -</td>
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<td>Hexazinone</td>
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<td>- ± -</td>
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<td>Imidacloprid</td>
<td>µg/l</td>
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<td>Iodosulfuron-methyl</td>
<td>µg/l</td>
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<td>&lt;0.002 (LOD)</td>
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<td>Isoproturon</td>
<td>µg/l</td>
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<td>Isoproturon-desmethyl</td>
<td>µg/l</td>
<td>0.147 ± 0.0118</td>
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<td>MCPA</td>
<td>µg/l</td>
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<td>MCPB</td>
<td>µg/l</td>
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<td>MCPP (Mecoprop)</td>
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<td>Mesosulfuron-methyl</td>
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<td>Metalaxyl</td>
<td>µg/l</td>
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<tr>
<td>Metamitron</td>
<td>µg/l</td>
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<td>0.145</td>
<td>0.026</td>
<td>0.0227</td>
<td>92.5   -0.52</td>
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<tr>
<td>Metazachlor</td>
<td>µg/l</td>
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<td>&lt;0.001 (LOD)</td>
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<tr>
<td>Metazachlor ethane sulfonic acid (Metazachlor-ESA)</td>
<td>µg/l</td>
<td>2.77 ± 0.367</td>
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<tr>
<td>Metazachlor oxanilic acid (Metazachlor-OA)</td>
<td>µg/l</td>
<td>1.32 ± 0.202</td>
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<td>0.233</td>
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<td>Metolachlor</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.002 (LOD)</td>
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<td>Metribuzin</td>
<td>µg/l</td>
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<tr>
<td>Metribuzin-desamino</td>
<td>µg/l</td>
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<td>0.0305</td>
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<tr>
<td>Metsulfuron-methyl</td>
<td>µg/l</td>
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<td>&lt;0.002 (LOD)</td>
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<tr>
<td>N,N-Dimethylsulfamide (DMS)</td>
<td>µg/l</td>
<td>1.07 ± 0.217</td>
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<td>0.205</td>
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<td>Nicosulfuron</td>
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<tr>
<td>Pethoxamid</td>
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<tr>
<td>Propazine</td>
<td>µg/l</td>
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<td>- - -</td>
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<tr>
<td>Propazine-2-hydroxy</td>
<td>µg/l</td>
<td>0.205 ± 0.0224</td>
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<td>0.0183</td>
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<td>Propiconazole</td>
<td>µg/l</td>
<td>0.363 ± 0.0362</td>
<td>0.446</td>
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<td>0.0482</td>
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<td>Parameter</td>
<td>Unit</td>
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<td>Result ± U</td>
<td>Criteria</td>
<td>Recovery</td>
<td>z-score</td>
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<tr>
<td>s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)</td>
<td>µg/l</td>
<td>2.75 ± 0.245</td>
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<td>0.317</td>
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<td>s-Metolachlor oxanilic acid (Metolachlor-OA)</td>
<td>µg/l</td>
<td>1.09 ± 0.142</td>
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<td>s-Metolachlor Metabolite CGA 368208</td>
<td>µg/l</td>
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<td>- -</td>
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<tr>
<td>s-Metolachlor Metabolite NOA 413173</td>
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<td>- -</td>
<td>- -</td>
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<tr>
<td>Simazine</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.001 (LOD)</td>
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<tr>
<td>Terbuthylazine</td>
<td>µg/l</td>
<td>0.204 ± 0.0276</td>
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<td>0.0244</td>
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<td>Terbuthylazine-2-hydroxy</td>
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<td>0.0256</td>
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<td>0.0209</td>
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<td>Terbuthylazine-desethyl</td>
<td>µg/l</td>
<td>0.0118</td>
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<tr>
<td>Thiacloprid</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.001 (LOD)</td>
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<tr>
<td>Thiamethoxam</td>
<td>µg/l</td>
<td>0.128 ± 0.0118</td>
<td>0.06</td>
<td>0.0141</td>
<td>46.9</td>
<td>-4.81</td>
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<td>Thifensulfuron-methyl</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.002 (LOD)</td>
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<td>- -</td>
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<tr>
<td>Tolyfluanid</td>
<td>µg/l</td>
<td>- ± -</td>
<td>- -</td>
<td>- -</td>
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<tr>
<td>Tribenuron-methyl</td>
<td>µg/l</td>
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<td>&lt;0.002 (LOD)</td>
<td>- -</td>
<td>- -</td>
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<tr>
<td>Triclopyr</td>
<td>µg/l</td>
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<tr>
<td>Triflusulfuron-Methyl</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.001 (LOD)</td>
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<tr>
<td>Tributosulfuron</td>
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<td>- -</td>
<td>- -</td>
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</tbody>
</table>
Laboratory oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Laboratory: LC0017

Measureand

Sample

PM02 A

PM02 B

2,4-D (2,4-Dichlorophenoxyaceticacid) -2.0

2,6-Dichlorobenzamide -2.0

Alachlor -2.0

AMPA -2.0

Atrazine -2.0

Atrazine-desethyl -2.6

Atrazine-desisopropyl -2.6

Azoxystrobin -4.8

Bentazone -4.8

Chloridazon -5.1

Clopyralid -5.1

Clothianidin -5.1

Dichlorprop -5.1

Diuron -5.1

Ethofumesate -5.1

Flufenacet -5.1

Glyphosate -5.1

Hexazinone -5.1

Imidacloprid -5.1

Iodosulfuron-methyl -5.1

Isoproturon -5.1

MCPA -5.1

MCPP (Mecoprop) -5.1

Mesosulfuron-methyl -5.1

Metalaxyl -5.1

Metamitron -5.1

Metazachlor -4.7

Metolachlor -4.7

Metribuzin -4.7

Metsulfuron-methyl -4.7

Propiconazole -4.7

Simazine -4.7

Terbutylazine -4.7

Terbutylazine-desethyl -4.7

Thiacloprid -4.7

Thiamethoxam -4.7

Thifensulfuron-methyl -4.7

Tribenuron-methyl -4.7

Triflusulfuron-Methyl -4.7

z-score

-2 0 2 -2 0 2

5.1

2.2

2.6

6.2

4.8

4.2

3.9

2.0

4.0

-4.2

-4.8

652/715
Laboratory oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

The following results were achieved:

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<tr>
<th>Parameter</th>
<th>Unit</th>
<th>Target ± CI(99%)</th>
<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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</thead>
<tbody>
<tr>
<td>2,4-D (2,4-Dichlorophenoxyacetic acid)</td>
<td>µg/l</td>
<td>0.303 ± 0.022</td>
<td>0.284</td>
<td>0.085</td>
<td>0.0327</td>
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<tr>
<td>2,6-Dichlorobenzamide</td>
<td>µg/l</td>
<td>0.883 ± 0.0593</td>
<td>0.856</td>
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<td>0.0884</td>
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<tr>
<td>2-Amino-4-methoxy-6-methyl-1,3,5-triazine</td>
<td>µg/l</td>
<td>- ±</td>
<td>-</td>
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<tr>
<td>3,5,6-Trichloro-2-pyridinol</td>
<td>µg/l</td>
<td>0.5 ± 0.0649</td>
<td>-</td>
<td>0.0838</td>
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<tr>
<td>Alachlor</td>
<td>µg/l</td>
<td>- ±</td>
<td>-</td>
<td>-</td>
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<tr>
<td>Alachlor-t-sulfonic acid (Alachlor-ESA)</td>
<td>µg/l</td>
<td>- ±</td>
<td>-</td>
<td>-</td>
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<tr>
<td>Alachlor-t-acid (Alachlor-OA)</td>
<td>µg/l</td>
<td>- ±</td>
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<td>-</td>
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<tr>
<td>Aldrin</td>
<td>µg/l</td>
<td>0.0379 ± 0.00855</td>
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<tr>
<td>AMPA</td>
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<td>Atrazine</td>
<td>µg/l</td>
<td>0.154 ± 0.00877</td>
<td>0.159</td>
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<td>0.0137</td>
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<td>Atrazine-2-hydroxy</td>
<td>µg/l</td>
<td>- ±</td>
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<tr>
<td>Atrazine-desethyl</td>
<td>µg/l</td>
<td>- ±</td>
<td>&lt;0.005</td>
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<tr>
<td>Atrazine-desethyl-desisopropyl</td>
<td>µg/l</td>
<td>- ±</td>
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<tr>
<td>Atrazine-desisopropyl</td>
<td>µg/l</td>
<td>- ±</td>
<td>&lt;0.005</td>
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<tr>
<td>Azoxystrobin</td>
<td>µg/l</td>
<td>0.141 ± 0.0175</td>
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<td>Azoxystrobin-O-demethyl (CyPM)</td>
<td>µg/l</td>
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<tr>
<td>Bentazon</td>
<td>µg/l</td>
<td>0.091 ± 0.0044</td>
<td>0.086</td>
<td>0.017</td>
<td>0.0116</td>
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<td>Bromacil</td>
<td>µg/l</td>
<td>0.164 ± 0.0144</td>
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<tr>
<td>Chloridazon</td>
<td>µg/l</td>
<td>0.0873 ± 0.00567</td>
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<td>0.018</td>
<td>0.00756</td>
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<tr>
<td>Chloridazon-desphenyl</td>
<td>µg/l</td>
<td>- ±</td>
<td>&lt;0.01 (LOQ)</td>
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<tr>
<td>Chloridazon-methyl-desphenyl</td>
<td>µg/l</td>
<td>- ±</td>
<td>&lt;0.01 (LOQ)</td>
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<tr>
<td>Chlorothalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)</td>
<td>µg/l</td>
<td>- ±</td>
<td>-</td>
<td>-</td>
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<tr>
<td>Chlorothalonil sulfonic acid (Chlorothalonil-ESA)</td>
<td>µg/l</td>
<td>- ±</td>
<td>&lt;0.01 (LOQ)</td>
<td>-</td>
<td>-</td>
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<tr>
<td>Clopyralid</td>
<td>µg/l</td>
<td>0.351 ± 0.0762</td>
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<td>-</td>
<td>0.0718</td>
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<tr>
<td>Clothianidin</td>
<td>µg/l</td>
<td>0.162 ± 0.0146</td>
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<td>-</td>
<td>0.0162</td>
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<tr>
<td>Dicamba</td>
<td>µg/l</td>
<td>0.683 ± 0.0311</td>
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<td>0.0328</td>
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<tr>
<td>Dichlorprop</td>
<td>µg/l</td>
<td>0.606 ± 0.0444</td>
<td>0.608</td>
<td>0.122</td>
<td>0.0662</td>
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<td>Dieldrin</td>
<td>µg/l</td>
<td>0.06 ± 0.0154</td>
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<tr>
<td>Dimethachlor</td>
<td>µg/l</td>
<td>0.432 ± 0.0351</td>
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<td>-</td>
<td>0.0453</td>
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<td>Dimethachlor ethane sulfonic acid (CGA 354742, Dimethachlor-ESA)</td>
<td>µg/l</td>
<td>- ±</td>
<td>&lt;0.01 (LOQ)</td>
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This report was created with PROLab, a software by QuoData: http://www.quodata.de/
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<th>Target</th>
<th>± CI(99%)</th>
<th>Result</th>
<th>± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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<tbody>
<tr>
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<td>Recovery</td>
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<td>µg/l</td>
<td>- ± -</td>
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<td>Target ± CI(99%)</td>
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<td>Bromacil</td>
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<td>Chloridazon</td>
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<tr>
<td>Chloridazon-desphenyl</td>
<td>µg/l</td>
<td>3.11 ± 0.194</td>
<td>3.432 1.716</td>
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<td>110 1.42</td>
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<td>Chloridazon-methyl-desphenyl</td>
<td>µg/l</td>
<td>0.115 ± 0.00942</td>
<td>0.115 0.023</td>
<td>0.0104</td>
<td>99.8 -0.03</td>
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<td>µg/l</td>
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<td>Clopyralid</td>
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<td>Dichlorprop</td>
<td>µg/l</td>
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<td>Dimethachlor ethane sulfonic acid (CGA 354742, Dimethachlor-ESA)</td>
<td>µg/l</td>
<td>0.462 ± 0.0516</td>
<td>0.497 0.249</td>
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<td>108 0.68</td>
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<td>Dimethachlor Metabolite - CGA 373464 (acetic acid methyl ester)</td>
<td>µg/l</td>
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<td>Dimethenamide</td>
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<td>Dimethenamid-P-sulfonic acid</td>
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<td>Criteria</td>
<td>Recovery</td>
<td>z-score</td>
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<td>Metalaxyl</td>
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<tr>
<td>Metamitron</td>
<td>µg/l</td>
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<td>0.168 ± 0.034</td>
<td>0.0227</td>
<td>107 0.50</td>
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<td>Metazachlor</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.005</td>
<td>- -</td>
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<tr>
<td>Metazachlor ethane sulfonic acid</td>
<td>µg/l</td>
<td>2.77 ± 0.367</td>
<td>2.765 ± 0.553</td>
<td>0.441</td>
<td>100 0.00</td>
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<td>Metazachlor oxanilic acid</td>
<td>µg/l</td>
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<tr>
<td>Metolachlor</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.005</td>
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<tr>
<td>Metribuzin</td>
<td>µg/l</td>
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<tr>
<td>Metribuzin-desamino</td>
<td>µg/l</td>
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<td>Metsulfuron-methyl</td>
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<tr>
<td>N,N-Dimethylsulfamide (DMS)</td>
<td>µg/l</td>
<td>1.07 ± 0.217</td>
<td>1.156 ± 0.578</td>
<td>0.205</td>
<td>108 0.43</td>
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<td>Nicosulfuron</td>
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<tr>
<td>Pethoxamid</td>
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<tr>
<td>Propazine</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.005</td>
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<tr>
<td>Propazine-2-hydroxy</td>
<td>µg/l</td>
<td>0.205 ± 0.0224</td>
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<td>Propiconazole</td>
<td>µg/l</td>
<td>0.363 ± 0.0362</td>
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<td>Criteria</td>
<td>Recovery</td>
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<tr>
<td>s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)</td>
<td>µg/l</td>
<td>2.75 ± 0.245</td>
<td>3.136 ± 0.627</td>
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<td>s-Metolachlor oxanilic acid (Metolachlor-OA)</td>
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<td>1.09 ± 0.142</td>
<td>1.479 ± 0.296</td>
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<td>Simazine</td>
<td>µg/l</td>
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<td>&lt;0.005</td>
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<td>Terbutylazine</td>
<td>µg/l</td>
<td>0.204 ± 0.0276</td>
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<td>Terbutylazine-2-hydroxy</td>
<td>µg/l</td>
<td>0.122 ± 0.0256</td>
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<td>Terbutylazine-desethyl-2-hydroxy</td>
<td>µg/l</td>
<td>0.504 ± 0.0313</td>
<td>0.494 ± 0.099</td>
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<td>Thiacloprid</td>
<td>µg/l</td>
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<td>Thiamethoxam</td>
<td>µg/l</td>
<td>0.128 ± 0.0118</td>
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<td>Thifensulfuron-methyl</td>
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<td>Tolyfluanid</td>
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<td>Triclopyr</td>
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<td>Tritosulfuron</td>
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Laboratory oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Laboratory: LC0018

Sample

PM02 A

PM02 B

Measurand

2,4-D (2,4-Dichlorphenoxyaceticacid)
2,6-Dichlorobenzamide
Atrazine
Atrazine-desethyl
Atrazine-desisopropyl
Bentazone
Chloridazon
Chloridazon-desphenyl
Chloridazon-methyl-desphenyl
Dichlorprop
Dimethachlor ethane sulfonic acid (CGA 354742, Dimethachlor-ESA)
Dimethachlor oxalamic acid (CGA 50266, Dimethachlor-OA)
Dimethenamid-P-sulfonic acid (Dimethenamid-ESA)
Diuron
Isoproturon
MCPA
MCPP (Mecoprop)
Metamitron
Metazachlor
Metazachlor ethane sulfonic acid (Metazachlor-ESA)
Metazachlor oxanilic acid (Metazachlor-OA)
Metolachlor
Metribuzin
N,N-Dimethylsulfamide (DMS)
Propazine
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)
s-Metolachlor oxanilic acid (Metolachlor-OA)
Simazine
Terbuthylazine
Terbuthylazine-desethyl

z-score

-2 0 2

659/715
Laboratory oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

The following results were achieved:

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<tr>
<th>Parameter</th>
<th>Unit</th>
<th>Target ± CI(99%)</th>
<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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</thead>
<tbody>
<tr>
<td>2,4-D (2,4-Dichlorophenoxyacetic acid)</td>
<td>µg/l</td>
<td>0.303 ± 0.022</td>
<td>0.34 0.085</td>
<td>0.0327</td>
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<td>2,6-Dichlorobenzamide</td>
<td>µg/l</td>
<td>0.883 ± 0.0593</td>
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<td>0.0884</td>
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<td>2-Amino-4-methoxy-6-methyl-1,3,5-triazine</td>
<td>µg/l</td>
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<td>3,5,6-Trichloro-2-pyridinol</td>
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<td>Alachlor</td>
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<td>0.5 ± 0.0649</td>
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<td>Alachlor-t-sulfonic acid (Alachlor-ESA)</td>
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This report was created with PROLab, a software by QuoData: http://www.quodata.de/
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<tr>
<th>Parameter</th>
<th>Unit</th>
<th>Target ± Cl(99%)</th>
<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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<td>Recovery</td>
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Sample: PM02B

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<th>Parameter</th>
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<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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<td>Alachlor-t-sulfonic acid (Alachlor-ESA)</td>
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<td>Bentazone</td>
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Laboratory oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Laboratory: LC0019

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<td>Propazine</td>
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<td>Propiconazole</td>
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<td>Simazine</td>
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<td>Terbutylazine</td>
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<tr>
<td>Thiacloprid</td>
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<tr>
<td>Thiamethoxam</td>
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<tr>
<td>Thifensulfuron-methyl</td>
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<td>-3.5</td>
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<td>Tribenuron-methyl</td>
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<td>Triflusulfuron-Methyl</td>
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The following results were achieved:

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<tr>
<th>Parameter</th>
<th>Unit</th>
<th>Target ± CI(99%)</th>
<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,4-D (2,4-Dichlorophenoxyacetic acid)</td>
<td>µg/l</td>
<td>0.303 ± 0.022</td>
<td>0.36</td>
<td>0.054</td>
<td>0.0327</td>
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<tr>
<td>2,6-Dichlorobenzamide</td>
<td>µg/l</td>
<td>0.883 ± 0.0593</td>
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<td>2-Amino-4-methoxy-6-methyl-1,3,5-triazine</td>
<td>µg/l</td>
<td>- ±</td>
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<tr>
<td>3,5,6-Trichloro-2-pyridinol</td>
<td>µg/l</td>
<td>- ±</td>
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<td>Alachlor</td>
<td>µg/l</td>
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<td>- ±</td>
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<td>Alachlor-t-acid (Alachlor-OA)</td>
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<td>AMPA</td>
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<td>Atrazine</td>
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<td>Atrazine-2-hydroxy</td>
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<td>Atrazine-desethyl</td>
<td>µg/l</td>
<td>- ±</td>
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<td>Atrazine-desethyl-desisopropyl</td>
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<td>- ±</td>
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<td>Atrazine-desisopropyl</td>
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<td>Azoxyctrobin-O-demethyl (CyPM)</td>
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<td>Bentazon</td>
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<td>Chloridazon</td>
<td>µg/l</td>
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<td>Chloridazon-desphenyl</td>
<td>µg/l</td>
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<td>Chloridazon-methyl-desphenyl</td>
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<td>Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid) µg/l</td>
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<td>Clopyralid</td>
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<td>Clothianidin</td>
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<td>Dicamba</td>
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<td>0.683 ± 0.0311</td>
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<td>Dichlorprop</td>
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<td>Dimethachlor</td>
<td>µg/l</td>
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<td>Dimethachlor ethane sulfonic acid (CGA 354742, Dimethachlor-ESA) µg/l</td>
<td>- ±</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
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<tr>
<td>Parameter</td>
<td>Unit</td>
<td>Target ± CI(99%)</td>
<td>Result ± U</td>
<td>Criteria</td>
<td>Recovery</td>
<td>z-score</td>
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<tr>
<td>Dimethachlor oxalamic acid (CGA 50266, Dimethachlor-OA)</td>
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<tr>
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<tr>
<td>Dimethochlor Metabolite - CGA 373464 (acetic acid methyl ester)</td>
<td>µg/l</td>
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<td>µg/l</td>
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<tr>
<td>Dimethenamide</td>
<td>µg/l</td>
<td>0.537 ± 0.0315</td>
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<td>Dimethenamid-P-sulfonic acid (Dimethenamid-ESA)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>- -</td>
<td>- -</td>
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<tr>
<td>Dimethenamid-P-acid (Dimethenamid-OA)</td>
<td>µg/l</td>
<td>- ± -</td>
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<td>- -</td>
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<tr>
<td>Diuron</td>
<td>µg/l</td>
<td>0.295 ± 0.0188</td>
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<td>79.4 -2.12</td>
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<tr>
<td>Ethofumesate</td>
<td>µg/l</td>
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<tr>
<td>Flufenacet</td>
<td>µg/l</td>
<td>0.43 ± 0.0434</td>
<td>0.404 0.0606 0.056</td>
<td>94 -0.46</td>
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<td>Flufenacet sulfonic acid (Flufenacet-ESA)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>- -</td>
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<td>Glufosinate</td>
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<td>Glyphosate</td>
<td>µg/l</td>
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<tr>
<td>Heptachlor</td>
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<td>Heptachlor epoxid</td>
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<tr>
<td>Hexazinone</td>
<td>µg/l</td>
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<td>0.188 0.0282 0.0268</td>
<td>85.6 -1.19</td>
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<td>Imidacloprid</td>
<td>µg/l</td>
<td>0.307 ± 0.0287</td>
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<td>Iodosulfuron-methyl</td>
<td>µg/l</td>
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<tr>
<td>Isoproturon</td>
<td>µg/l</td>
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<td>0.293 0.04395 0.0303</td>
<td>97.2 -0.28</td>
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<td>Isoproturon-desmethyl</td>
<td>µg/l</td>
<td>- ± -</td>
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<td>- -</td>
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<tr>
<td>MCPA</td>
<td>µg/l</td>
<td>0.237 ± 0.0108</td>
<td>0.224 0.0336 0.0161</td>
<td>94.7 -0.78</td>
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<td>MCPB</td>
<td>µg/l</td>
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<tr>
<td>MCPP (Mecoprop)</td>
<td>µg/l</td>
<td>0.118 ± 0.00973</td>
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<td>Mesosulfuron-methyl</td>
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<tr>
<td>Metalaxyl</td>
<td>µg/l</td>
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<td>0.51 0.0765 0.0524</td>
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<td>Metamitron</td>
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<td>0.51 ± 0.0476</td>
<td>0.481 0.07215 0.0673</td>
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<td>Metazachlor</td>
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<td>0.26 ± 0.00676</td>
<td>0.252 0.0378 0.0093</td>
<td>96.9 -0.87</td>
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<td>- ± -</td>
<td>- -</td>
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<tr>
<td>Metazachlor oxanilic acid (Metazachlor-OA)</td>
<td>µg/l</td>
<td>- ± -</td>
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<td>Metolachlor</td>
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<td>0.386 0.0579 0.0489</td>
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<tr>
<td>Parameter</td>
<td>Unit</td>
<td>Target ± CI(99%)</td>
<td>Result ± U</td>
<td>Criteria</td>
<td>Recovery</td>
<td>z-score</td>
</tr>
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<td>Metribuzin-desamino</td>
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<td>Metsulfuron-methyl</td>
<td>µg/l</td>
<td>0.254 ± 0.0343</td>
<td>0.233</td>
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<tr>
<td>N,N-Dimethylsulfamide (DMS)</td>
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<td>Nicosulfurone</td>
<td>µg/l</td>
<td>0.919 ± 0.222</td>
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<td>Pethoxam</td>
<td>µg/l</td>
<td>0.176 ± 0.0111</td>
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<td>0.0111</td>
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<td>Propazine</td>
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<td>0.49 ± 0.0258</td>
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<td>0.06285</td>
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<td>Propazine-2-hydroxy</td>
<td>µg/l</td>
<td>- ±</td>
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<td>Propiconazole</td>
<td>µg/l</td>
<td>0.152 ± 0.0146</td>
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<td>s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)</td>
<td>µg/l</td>
<td>- ±</td>
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<td>s-Metolachlor oxanilic acid (Metolachlor-OA)</td>
<td>µg/l</td>
<td>- ±</td>
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<td>µg/l</td>
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<td>µg/l</td>
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<tr>
<td>Simazine</td>
<td>µg/l</td>
<td>0.123 ± 0.00681</td>
<td>0.135</td>
<td>0.02025</td>
<td>0.00963</td>
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<tr>
<td>Terbuthylazine</td>
<td>µg/l</td>
<td>0.254 ± 0.0165</td>
<td>0.292</td>
<td>0.0438</td>
<td>0.0258</td>
<td>115</td>
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<tr>
<td>Terbuthylazine-2-hydroxy</td>
<td>µg/l</td>
<td>- ±</td>
<td>-</td>
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</tr>
<tr>
<td>Terbuthylazine-desethyl-2-hydroxy</td>
<td>µg/l</td>
<td>- ±</td>
<td>-</td>
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<tr>
<td>Terbuthylazine-desethyl</td>
<td>µg/l</td>
<td>- ±</td>
<td>&lt;0.05 (LOQ)</td>
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<tr>
<td>Thiacloprid</td>
<td>µg/l</td>
<td>0.295 ± 0.0181</td>
<td>-</td>
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<td>0.0217</td>
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<td>Thiamethoxam</td>
<td>µg/l</td>
<td>- ±</td>
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<tr>
<td>Thifensulfuron-methyl</td>
<td>µg/l</td>
<td>0.765 ± 0.0774</td>
<td>0.703</td>
<td>0.10545</td>
<td>0.0931</td>
<td>91.9</td>
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<td>Tolyfluanid</td>
<td>µg/l</td>
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<td>Tribenuron-methyl</td>
<td>µg/l</td>
<td>0.154 ± 0.0906</td>
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<td>Triclopyr</td>
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<tr>
<td>Triflusulfuron-Methyl</td>
<td>µg/l</td>
<td>0.407 ± 0.143</td>
<td>0.497</td>
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<tr>
<td>Tritosulfuron</td>
<td>µg/l</td>
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Sample: PM02B

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<th>Target ± CI(99%)</th>
<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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<tbody>
<tr>
<td>2,4-D (2,4-Dichlorophenoxyaceticacid)</td>
<td>µg/l</td>
<td>0.191 ± 0.0152</td>
<td>0.253</td>
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<td>2,6-Dichlorobenzamide</td>
<td>µg/l</td>
<td>2.53 ± 0.132</td>
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<td>2-Amino-4-methoxy-6-methyl-1,3,5-triazine</td>
<td>µg/l</td>
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<td>3,5,6-Trichloro-2-pyridinol</td>
<td>µg/l</td>
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<td>Alachlor</td>
<td>µg/l</td>
<td>- ±</td>
<td>&lt;0.05 (LOQ)</td>
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<td>Parameter</td>
<td>Unit</td>
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<td>Result ± U</td>
<td>Criteria</td>
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<td>Alachlor-t-sulfonic acid (Alachlor-ESA)</td>
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<td>Alachlor-t-acid (Alachlor-OA)</td>
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<td>Atrazine</td>
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<td>Atrazine-2-hydroxy</td>
<td>µg/l</td>
<td>1.52 ± 0.174</td>
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<td>Atrazine-desethyl</td>
<td>µg/l</td>
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<td>Atrazine-desethyl-desisopropyl</td>
<td>µg/l</td>
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<td>Azoxystrobin</td>
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<td>Bentazone</td>
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<td>Bromacil</td>
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<td>Chloridazon</td>
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<td>Chlorothalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)</td>
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<td>Clothianidin</td>
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<td>Dicamba</td>
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<td>Dichlorprop</td>
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<td>Dimethachlor</td>
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<td>Dimethachlor ethane sulfonic acid (CGA 354742, Dimethachlor-ESA)</td>
<td>µg/l</td>
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<td>Dimethachlor Metabolite - CGA 373464 (acetic acid methyl ester)</td>
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<td>Result ± U</td>
<td>Criteria</td>
<td>Recovery</td>
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<td>(Dimethenamid-ESA)</td>
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<td>Ethofumesate</td>
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<td>Flufenacet</td>
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<td>Heptachlor</td>
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<td>Heptachlor epoxid</td>
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<td>Imidacloprid</td>
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<td>Iodosulfuron-methyl</td>
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<td>Isoproturon</td>
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<td>0.419 0.06285 0.0503 86.5</td>
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<td>MCP (Mecoprop)</td>
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<td>Metalaxyl</td>
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<td>Metamitron</td>
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<td>Metazachlor</td>
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<tr>
<td>Metazachlor ethane sulfonic acid (Metazachlor-ESA)</td>
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<td>2.77 ± 0.367</td>
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<td>Metazachlor oxanilic acid (Metazachlor-OA)</td>
<td>µg/l</td>
<td>1.32 ± 0.202</td>
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<td>Metolachlor</td>
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<td>Metribuzin</td>
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<td>Metribuzin-desamino</td>
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<td>N.N-Dimethylsulfamide (DMS)</td>
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<td>Pethoxamid</td>
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<td>Propazine</td>
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<td>Propiconazole</td>
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<td>z-score</td>
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<td>s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)</td>
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<td>µg/l</td>
<td>1.09 ± 0.142</td>
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<td>Terbuthylazine</td>
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<td>Terbuthylazine-2-hydroxy</td>
<td>µg/l</td>
<td>0.122 ± 0.0256</td>
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<td>Triclopyr</td>
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<tr>
<td>Triflusulfuron-Methyl</td>
<td>µg/l</td>
<td>- ±</td>
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<td>Tritosulfuron</td>
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Laboratory oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Laboratory: LC0020

<table>
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<tr>
<th>Measurand</th>
<th>PM02 A</th>
<th>PM02 B</th>
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<td>2,4-D (2,4-Dichlorophenoxyacetic acid)</td>
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<td>2,6-Dichlorobenzamide</td>
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<td>Atrazine-desethyl</td>
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<td>Atrazine-desisopropyl</td>
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<td>Bentazone</td>
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<td>Isoproturon</td>
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<td>MCPP (Mecoprop)</td>
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<td>Metalaxyl</td>
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<td>Metamitron</td>
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<td>Metazachlor</td>
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<td>Nicosulfuronone</td>
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<td>Propazine</td>
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<td>Simazine</td>
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<td>Terbuthylazine</td>
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<td>Triflusulfuron-Methyl</td>
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z-score: -2.1, 7.3, 2.1, -2.1
The following results were achieved:

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Unit</th>
<th>Target ± CI(99%)</th>
<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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<tbody>
<tr>
<td>2,4-D (2,4-Dichlorophenoxyacetic acid)</td>
<td>µg/l</td>
<td>0.303 ± 0.022</td>
<td>0.339</td>
<td>0.1017</td>
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<td>2,6-Dichlorobenzamide</td>
<td>µg/l</td>
<td>0.883 ± 0.0503</td>
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<td>2-Amino-4-methoxy-6-methyl-1,3,5-triazine</td>
<td>µg/l</td>
<td>- ±</td>
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<td>3,5,6-Trichloro-2-pyridinol</td>
<td>µg/l</td>
<td>- ±</td>
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<tr>
<td>Alachlor</td>
<td>µg/l</td>
<td>0.5 ± 0.0649</td>
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<td>0.1386</td>
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<td>Alachlor-t-sulfonic acid (Alachlor-ESA)</td>
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<td>Alachlor-t-acid (Alachlor-OA)</td>
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<td>Aldrin</td>
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<td>AMPA</td>
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<td>Atrazine-2-hydroxy</td>
<td>µg/l</td>
<td>0.154 ± 0.00877</td>
<td>0.152</td>
<td>0.0456</td>
<td>0.0137</td>
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<tr>
<td>Atrazine-desethyl</td>
<td>µg/l</td>
<td>- ±</td>
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<tr>
<td>Atrazine-desethyl-desisopropyl</td>
<td>µg/l</td>
<td>- ±</td>
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<tr>
<td>Atrazine-desisopropyl</td>
<td>µg/l</td>
<td>- ±</td>
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<td>Atrazine-2-hydroxy</td>
<td>µg/l</td>
<td>- ±</td>
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<td>Atrazine-desethyl</td>
<td>µg/l</td>
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<td>&lt;0.01 (LOQ)</td>
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<tr>
<td>Atrazine-desethyl-desisopropyl</td>
<td>µg/l</td>
<td>- ±</td>
<td>&lt;0.015</td>
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<tr>
<td>Atrazine-desisopropyl</td>
<td>µg/l</td>
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<td>Azoxyhydrostobal</td>
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<td>0.141 ± 0.0175</td>
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<td>0.0453</td>
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<tr>
<td>Azoxystrobil-O-demethyl (CyPM)</td>
<td>µg/l</td>
<td>- ±</td>
<td>-</td>
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<tr>
<td>Bentazone</td>
<td>µg/l</td>
<td>0.091 ± 0.00744</td>
<td>0.094</td>
<td>0.0282</td>
<td>0.0116</td>
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<tr>
<td>Bromacil</td>
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<td>0.164 ± 0.0144</td>
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<td>0.0519</td>
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<tr>
<td>Chloridazon</td>
<td>µg/l</td>
<td>0.0873 ± 0.00567</td>
<td>0.113</td>
<td>0.0339</td>
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<tr>
<td>Chloridazon-desphenyl</td>
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<td>Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)</td>
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<td>Chlorothalonil sulfonic acid (Chlorothalonil-ESA)</td>
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<tr>
<td>Clopyralid</td>
<td>µg/l</td>
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<td>Clothianidin</td>
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<td>Dicamba</td>
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<td>Dichlorprop</td>
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<tr>
<td>Dieldrin</td>
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<td>Dimethachlor</td>
<td>µg/l</td>
<td>0.432 ± 0.0351</td>
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<tr>
<td>Dimethachlor ethane sulfonic acid (CGA 354742, Dimethachlor-ESA)</td>
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<td>-</td>
<td>-</td>
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<td>-</td>
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<tr>
<td>Parameter</td>
<td>Unit</td>
<td>Target ± Cl(99%)</td>
<td>Result ± U</td>
<td>Criteria</td>
<td>Recovery</td>
<td>z-score</td>
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<tr>
<td>Dimethachlor oxalamic acid (CGA 50266, Dimethachlor-OA)</td>
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<td>-</td>
<td>- ±</td>
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<td>Dimethachlor Metabolite - CGA 369873</td>
<td>µg/l</td>
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<td>-</td>
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<tr>
<td>Dimethachlor Metabolite - CGA 373464 (acetic acid methyl ester)</td>
<td>µg/l</td>
<td>- ±</td>
<td>-</td>
<td>- ±</td>
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<td>Dimethachlor Metabolite - CGA 373464 (free acid)</td>
<td>µg/l</td>
<td>- ±</td>
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<td>- ±</td>
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<td>- ±</td>
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<tr>
<td>Dimethenamide</td>
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<td>Dimethenamid-P-sulfonic acid (Dimethenamid-ESA)</td>
<td>µg/l</td>
<td>- ±</td>
<td>-</td>
<td>- ±</td>
<td>- ±</td>
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<td>Dimethenamid-P-acid (Dimethenamid-OA)</td>
<td>µg/l</td>
<td>- ±</td>
<td>-</td>
<td>- ±</td>
<td>- ±</td>
<td>- ±</td>
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<td>Diuron</td>
<td>µg/l</td>
<td>0.295 ± 0.0188</td>
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<tr>
<td>Ethofumesate</td>
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<td>- ±</td>
<td>- ±</td>
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<tr>
<td>Flufenacet</td>
<td>µg/l</td>
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<td>Flufenacet oxanilic acid (Flufenacet-OA)</td>
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<td>Glufosinate</td>
<td>µg/l</td>
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<td>Glyphosate</td>
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<td>0.366 ± 0.0555</td>
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<tr>
<td>Heptachlor</td>
<td>µg/l</td>
<td>0.0486 ± 0.0266</td>
<td>-</td>
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<tr>
<td>Heptachlor epoxid</td>
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<td>- ±</td>
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<tr>
<td>Hexazinone</td>
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<td>µg/l</td>
<td>0.301 ± 0.0199</td>
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<td>µg/l</td>
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<td>MCPA</td>
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<td>0.0747</td>
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<td>&lt;0.02 (LOQ)</td>
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<td>MCPP (Mecoprop)</td>
<td>µg/l</td>
<td>0.118 ± 0.00973</td>
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<td>0.228 ± 0.0255</td>
<td>-</td>
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<td>- ±</td>
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<tr>
<td>Metalaxyl</td>
<td>µg/l</td>
<td>0.533 ± 0.0393</td>
<td>-</td>
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<td>- ±</td>
<td>- ±</td>
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<td>Metamitron</td>
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<td>0.1662</td>
<td>0.0673</td>
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<td>Metazachlor</td>
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<td>0.26 ± 0.00676</td>
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<td>0.0093</td>
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<td>Metazachlor ethane sulfonic acid (Metazachlor-ESA)</td>
<td>µg/l</td>
<td>- ±</td>
<td>&lt;0.01 (LOQ)</td>
<td>- ±</td>
<td>- ±</td>
<td>- ±</td>
</tr>
<tr>
<td>Metazachlor oxanilic acid (Metazachlor-OA)</td>
<td>µg/l</td>
<td>- ±</td>
<td>&lt;0.01 (LOQ)</td>
<td>- ±</td>
<td>- ±</td>
<td>- ±</td>
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<tr>
<td>Metolachlor</td>
<td>µg/l</td>
<td>0.403 ± 0.0313</td>
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<tr>
<td>Metribuzin</td>
<td>µg/l</td>
<td>0.0895 ± 0.00875</td>
<td>0.086</td>
<td>0.0258</td>
<td>0.0113</td>
<td>96.1</td>
</tr>
<tr>
<td>Parameter</td>
<td>Unit</td>
<td>Target ± Cl(99%)</td>
<td>Result ± U</td>
<td>Criteria</td>
<td>Recovery</td>
<td>z-score</td>
</tr>
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<tr>
<td>Metribuzin-desamino</td>
<td>µg/l</td>
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<td>Metsulfuron-methyl</td>
<td>µg/l</td>
<td>0.176 ± 0.0111</td>
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<td>N,N-Dimethylsulffamide (DMS)</td>
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<td>0.919 ± 0.222</td>
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<td>Nicosulfuron</td>
<td>µg/l</td>
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<td>Propazine</td>
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<td>0.49 ± 0.0528</td>
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<td>0.1491</td>
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<tr>
<td>Propazine-2-hydroxy</td>
<td>µg/l</td>
<td>- ±</td>
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**Sample: PM02B**

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<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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<td>± Cl(99%)</td>
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<td>Criteria</td>
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<td>Unit</td>
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<td>± CI(99%)</td>
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<td>Result ± U</td>
<td>Criteria</td>
<td>Recovery</td>
<td>z-score</td>
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<td>s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)</td>
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<td>2.75 ± 0.245</td>
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<td>s-Metolachlor Metabolite CGA 368208</td>
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<td>s-Metolachlor Metabolite NOA 413173</td>
<td>µg/l</td>
<td>- ± -</td>
<td>- ± -</td>
<td>-</td>
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<tr>
<td>Simazine</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
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<tr>
<td>Terbuthylazine</td>
<td>µg/l</td>
<td>0.204 ± 0.0276</td>
<td>- ± -</td>
<td>0.0244</td>
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<tr>
<td>Terbuthylazine-desethyl-2-hydroxy</td>
<td>µg/l</td>
<td>0.122 ± 0.0256</td>
<td>- ± -</td>
<td>0.0209</td>
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<tr>
<td>Terbuthylazine-desethyl</td>
<td>µg/l</td>
<td>0.504 ± 0.0313</td>
<td>0.536 ± 0.1608</td>
<td>0.0417</td>
<td>106</td>
<td>0.76</td>
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<td>Thiocloprid</td>
<td>µg/l</td>
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<td>- ± -</td>
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<tr>
<td>Thiamethoxam</td>
<td>µg/l</td>
<td>0.128 ± 0.0118</td>
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<td>Thifensulfuron-methyl</td>
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<td>- ± -</td>
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<tr>
<td>Tolyfluclid</td>
<td>µg/l</td>
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<td>Tribenuron-methyl</td>
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<td>Triclopyr</td>
<td>µg/l</td>
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<td>Triflusulfuron-Methyl</td>
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<td>Tritosulfuron</td>
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Laboratory oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Laboratory: LC0021

Measurand

2,4-D (2,4-Dichlorophenoxyacetic acid)
2,6-Dichlorobenzamide
Alachlor
Atrazine
Atrazine-desethyl
Atrazine-desisopropyl
Azoxystrobin
Bentazone
Bromacil
Chloridazon
Chloridazon-desphenyl
Chloridazon-methyl-desphenyl
Dicamba
Dichlorprop
Dimethenamide
Diuron
Flufenacet
Flufenacet sulfonic acid (Flufenacet-ESA)
Flufenacet oxanilic acid (Flufenacet-OA)
Hexazinone
Imidacloprid
Isoproturon
MCPA
MCPB
MCP (Mecoprop)
Metamitron
Metazachlor
Metazachlor ethane sulfonic acid (Metazachlor-ESA)
Metazachlor oxanilic acid (Metazachlor-OA)
Metolachlor
Metribuzin
Propazine
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)
s-Metolachlor oxanilic acid (Metolachlor-OA)
Simazine
Terbuthylazine
Terbuthylazine-desethyl

Sample

PM02 A
PM02 B

z-score

3.4
5.1

680/715
The following results were achieved:

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Unit</th>
<th>Target ± Cl(99%)</th>
<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,4-D (2,4-Dichlorophenoxyacetic acid)</td>
<td>µg/l</td>
<td>0.303 ± 0.022</td>
<td>0.233 0.0699</td>
<td>0.0327</td>
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<tr>
<td>2,6-Dichlorobenzamide</td>
<td>µg/l</td>
<td>0.883 ± 0.0593</td>
<td>0.707 0.2121</td>
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<td>2-Amino-4-methoxy-6-methyl-1,3,5-triazine</td>
<td>µg/l</td>
<td>- ± -</td>
<td>0.087 0.0261</td>
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<td>3,5,6-Trichloro-2-pyridinol</td>
<td>µg/l</td>
<td>- ± - &lt;0.02 (LOQ)</td>
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<tr>
<td>Alachlor</td>
<td>µg/l</td>
<td>0.5 ± 0.0649</td>
<td>0.374 0.1122</td>
<td>0.0838</td>
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<td>Alachlor-t-sulfonic acid (Alachlor-ESA)</td>
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<td>- ± - &lt;0.02 (LOQ)</td>
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<td>Alachlor-t-acid (Alachlor-OA)</td>
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<tr>
<td>Aldrin</td>
<td>µg/l</td>
<td>0.0379 ± 0.00855</td>
<td>0.031 0.0093</td>
<td>0.00855</td>
<td>81.7</td>
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<tr>
<td>AMPA</td>
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<tr>
<td>Atrazine</td>
<td>µg/l</td>
<td>0.154 ± 0.00877</td>
<td>0.164 0.0492</td>
<td>0.0137</td>
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<td>0.72</td>
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<td>Atrazine-2-hydroxy</td>
<td>µg/l</td>
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<tr>
<td>Atrazine-desethyl</td>
<td>µg/l</td>
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<tr>
<td>Atrazine-desethyl-desisopropyl</td>
<td>µg/l</td>
<td>- ± - &lt;0.02 (LOQ)</td>
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<tr>
<td>Atrazine-desisopropyl</td>
<td>µg/l</td>
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<tr>
<td>Azoxystrobin</td>
<td>µg/l</td>
<td>0.141 ± 0.0175</td>
<td>0.095 0.0285</td>
<td>0.0226</td>
<td>67.2</td>
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<tr>
<td>Azoxystrobin-O-demethyl (CyPM)</td>
<td>µg/l</td>
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<tr>
<td>Bentazone</td>
<td>µg/l</td>
<td>0.091 ± 0.00744</td>
<td>0.072 0.0216</td>
<td>0.0116</td>
<td>79.1</td>
<td>-1.64</td>
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<tr>
<td>Bromacil</td>
<td>µg/l</td>
<td>0.164 ± 0.0144</td>
<td>0.146 0.0438</td>
<td>0.0152</td>
<td>89.2</td>
<td>-1.16</td>
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<tr>
<td>Chloridazon</td>
<td>µg/l</td>
<td>0.0873 ± 0.00567</td>
<td>0.089 0.0267</td>
<td>0.00756</td>
<td>102</td>
<td>0.23</td>
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<tr>
<td>Chloridazon-desphenyl</td>
<td>µg/l</td>
<td>- ± - &lt;0.02 (LOQ)</td>
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<tr>
<td>Chloridazon-methyl-desphenyl</td>
<td>µg/l</td>
<td>- ± - &lt;0.02 (LOQ)</td>
<td>-</td>
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<tr>
<td>Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>-</td>
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<tr>
<td>Chlorothalonil sulfonic acid (Chlorothalonil-ESA)</td>
<td>µg/l</td>
<td>- ± - 0.22</td>
<td>0.22 0.066</td>
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<tr>
<td>Clopyralid</td>
<td>µg/l</td>
<td>0.351 ± 0.0762</td>
<td>0.237 0.0711</td>
<td>0.0718</td>
<td>67.6</td>
<td>-1.58</td>
</tr>
<tr>
<td>Clothianidin</td>
<td>µg/l</td>
<td>0.162 ± 0.0146</td>
<td>0.162 0.0486</td>
<td>0.0162</td>
<td>100</td>
<td>0.00</td>
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<tr>
<td>Dichloracetyl</td>
<td>µg/l</td>
<td>0.685 ± 0.0311</td>
<td>0.701 0.2103</td>
<td>0.0328</td>
<td>103</td>
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<tr>
<td>Dichlorprop</td>
<td>µg/l</td>
<td>0.606 ± 0.0444</td>
<td>0.502 0.1506</td>
<td>0.0662</td>
<td>82.8</td>
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<tr>
<td>Dieldrin</td>
<td>µg/l</td>
<td>0.06 ± 0.0154</td>
<td>0.067 0.0201</td>
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<tr>
<td>Dimethachlor</td>
<td>µg/l</td>
<td>0.432 ± 0.0351</td>
<td>0.372 0.1116</td>
<td>0.0453</td>
<td>86.1</td>
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</tr>
<tr>
<td>Dimethachlor ethane sulfonic acid (CGA 354742, Dimethachlor-ESA)</td>
<td>µg/l</td>
<td>- ± - &lt;0.02 (LOQ)</td>
<td>-</td>
<td>-</td>
<td>-</td>
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</tr>
<tr>
<td>Parameter</td>
<td>Unit</td>
<td>Target ± CI(99%)</td>
<td>Result ± U</td>
<td>Criteria</td>
<td>Recovery</td>
<td>z-score</td>
</tr>
<tr>
<td>-----------------------------------------------------</td>
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<td>------------</td>
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</tr>
<tr>
<td>Dimethachlor oxalamic acid (CGA 50266, Dimethachlor-OA)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.02 (LOQ)</td>
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<tr>
<td>Dimethachlor Metabolite - CGA 369373</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.02 (LOQ)</td>
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<tr>
<td>Dimethachlor Metabolite - CGA 373464 (acetic acid methyl ester)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>-</td>
<td>-</td>
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<tr>
<td>Dimethachlor Metabolite - CGA 373464 (free acid)</td>
<td>µg/l</td>
<td>- ± -</td>
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<tr>
<td>Dimethenamide</td>
<td>µg/l</td>
<td>0.537 ± 0.0315</td>
<td>0.486</td>
<td>0.1458</td>
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<td>Dimethenamid-P-sulfonic acid (Dimethenamid-ESA)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.02 (LOQ)</td>
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<tr>
<td>Dimethenamid-P-acid (Dimethenamid-OA)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.02 (LOQ)</td>
<td>-</td>
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<tr>
<td>Dicuron</td>
<td>µg/l</td>
<td>0.295 ± 0.0188</td>
<td>0.312</td>
<td>0.0936</td>
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<tr>
<td>Ethofumesate</td>
<td>µg/l</td>
<td>0.153 ± 0.0132</td>
<td>0.131</td>
<td>0.0393</td>
<td>0.0159</td>
<td>85.7</td>
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<tr>
<td>Flufenacet</td>
<td>µg/l</td>
<td>0.43 ± 0.0434</td>
<td>0.332</td>
<td>0.0996</td>
<td>0.056</td>
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</tr>
<tr>
<td>Flufenacet sulfonic acid (Flufenacet-ESA)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.02 (LOQ)</td>
<td>-</td>
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<tr>
<td>Flufenacet oxanilic acid (Flufenacet-OA)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.02 (LOQ)</td>
<td>-</td>
<td>-</td>
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<tr>
<td>Glufosinate</td>
<td>µg/l</td>
<td>0.148 ± 0.0493</td>
<td>&lt;0.05 (LOQ)</td>
<td>-</td>
<td>0.0434</td>
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<tr>
<td>Glyphosate</td>
<td>µg/l</td>
<td>0.366 ± 0.0555</td>
<td>0.27</td>
<td>0.081</td>
<td>0.0641</td>
<td>73.8</td>
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<tr>
<td>Heptachlor</td>
<td>µg/l</td>
<td>0.0486 ± 0.0266</td>
<td>0.021</td>
<td>0.0063</td>
<td>0.0281</td>
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</tr>
<tr>
<td>Heptachlor epoxid</td>
<td>µg/l</td>
<td>- ± -</td>
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<tr>
<td>Hexazinone</td>
<td>µg/l</td>
<td>0.22 ± 0.0201</td>
<td>0.219</td>
<td>0.0657</td>
<td>0.0268</td>
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<tr>
<td>Imidacloprid</td>
<td>µg/l</td>
<td>0.307 ± 0.0287</td>
<td>0.281</td>
<td>0.0843</td>
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<tr>
<td>Iodosulfuron-methyl</td>
<td>µg/l</td>
<td>0.405 ± 0.0469</td>
<td>0.428</td>
<td>0.1284</td>
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<tr>
<td>Isoproturon</td>
<td>µg/l</td>
<td>0.301 ± 0.0199</td>
<td>0.311</td>
<td>0.0933</td>
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<td>103</td>
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<tr>
<td>Isoproturon-desmethyl</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.02 (LOQ)</td>
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<tr>
<td>MCPA</td>
<td>µg/l</td>
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<td>0.0501</td>
<td>0.0161</td>
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<td>MCPB</td>
<td>µg/l</td>
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<tr>
<td>MCPP (Mecoprop)</td>
<td>µg/l</td>
<td>0.118 ± 0.00973</td>
<td>0.091</td>
<td>0.0273</td>
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<tr>
<td>Mesosulfuron-methyl</td>
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<td>0.228 ± 0.0255</td>
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<td>0.0774</td>
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<tr>
<td>Metalaxyl</td>
<td>µg/l</td>
<td>0.533 ± 0.0393</td>
<td>0.455</td>
<td>0.1365</td>
<td>0.0524</td>
<td>85.4</td>
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<tr>
<td>Metamitron</td>
<td>µg/l</td>
<td>0.51 ± 0.0476</td>
<td>0.466</td>
<td>0.1398</td>
<td>0.0673</td>
<td>91.4</td>
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<tr>
<td>Metazachlor</td>
<td>µg/l</td>
<td>0.26 ± 0.00676</td>
<td>0.263</td>
<td>0.0789</td>
<td>0.0093</td>
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<tr>
<td>Metazachlor ethane sulfonic acid (Metazachlor-ESA)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.02 (LOQ)</td>
<td>-</td>
<td>-</td>
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</tr>
<tr>
<td>Metazachlor oxanilic acid (Metazachlor-OA)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.02 (LOQ)</td>
<td>-</td>
<td>-</td>
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<tr>
<td>Metolachlor</td>
<td>µg/l</td>
<td>0.403 ± 0.0313</td>
<td>0.359</td>
<td>0.1077</td>
<td>0.0489</td>
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<tr>
<td>Metribuzin</td>
<td>µg/l</td>
<td>0.0895 ± 0.00875</td>
<td>0.087</td>
<td>0.0261</td>
<td>0.0113</td>
<td>97.2</td>
</tr>
<tr>
<td>Parameter</td>
<td>Unit</td>
<td>Target ± Cl(99%)</td>
<td>Result ± U</td>
<td>Criteria</td>
<td>Recovery (z-score)</td>
<td></td>
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<tr>
<td>Metribuzin-desamino</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.02 (LOQ)</td>
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<tr>
<td>Metsulfuron-methyl</td>
<td>µg/l</td>
<td>0.254 ± 0.0343</td>
<td>0.197 0.0591</td>
<td>0.0362</td>
<td>77.5 -1.58</td>
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<tr>
<td>N,N-Dimethylsulfamide (DMS)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.02 (LOQ)</td>
<td>-</td>
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<tr>
<td>Nicosulfuron</td>
<td>µg/l</td>
<td>0.919 ± 0.222</td>
<td>2.95 0.885</td>
<td>0.276</td>
<td>321 7.35</td>
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</tr>
<tr>
<td>Pethoxamid</td>
<td>µg/l</td>
<td>0.176 ± 0.0111</td>
<td>0.174 0.0522</td>
<td>0.0111</td>
<td>98.7 -0.21</td>
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<tr>
<td>Propazine</td>
<td>µg/l</td>
<td>0.49 ± 0.0258</td>
<td>0.444 0.1332</td>
<td>0.0344</td>
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<tr>
<td>Propazine-2-hydroxy</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.02 (LOQ)</td>
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<tr>
<td>Propiconazole</td>
<td>µg/l</td>
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<td>0.131 0.0393</td>
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<td>µg/l</td>
<td>- ± -</td>
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<td>s-Metolachlor oxanilic acid (Metolachlor-OA)</td>
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<td>- ± -</td>
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<td>Simazine</td>
<td>µg/l</td>
<td>0.123 ± 0.00681</td>
<td>0.123 0.0369</td>
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<td>100 0.04</td>
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<td>Terbuthylazine</td>
<td>µg/l</td>
<td>0.254 ± 0.0165</td>
<td>0.22 0.066</td>
<td>0.0258</td>
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<td>µg/l</td>
<td>- ± -</td>
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<td>Terbuthylazine-desethyl-2-hydroxy</td>
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<td>Thiacloprid</td>
<td>µg/l</td>
<td>0.295 ± 0.0181</td>
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<td>0.0217</td>
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<td>Thiamethoxam</td>
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<td>Thifensulfuron-methyl</td>
<td>µg/l</td>
<td>0.765 ± 0.0774</td>
<td>0.614 0.1842</td>
<td>0.0931</td>
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<tr>
<td>Tolyfluanid</td>
<td>µg/l</td>
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<tr>
<td>Tribenuron-methyl</td>
<td>µg/l</td>
<td>0.154 ± 0.0906</td>
<td>0.857 0.2571</td>
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<td>Triclopyr</td>
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<td>0.48 ± 0.0503</td>
<td>0.524 0.1572</td>
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<td>Triflusulfuron-Methyl</td>
<td>µg/l</td>
<td>0.407 ± 0.143</td>
<td>0.308 0.0924</td>
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<td>Tritosulfuron</td>
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<td>0.489 0.1467</td>
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**Sample: PM02B**

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<th>Parameter</th>
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<th>Target ± Cl(99%)</th>
<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery (z-score)</th>
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<tbody>
<tr>
<td>2,4-D (2,4-Dichlorophenoxyaceticacid)</td>
<td>µg/l</td>
<td>0.191 ± 0.0152</td>
<td>0.166 0.0498</td>
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<tr>
<td>2,6-Dichlorobenzamide</td>
<td>µg/l</td>
<td>2.53 ± 0.132</td>
<td>1.5 0.45</td>
<td>0.192</td>
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<td>2-Amino-4-methoxy-6-methyl-1,3,5-triazine</td>
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<tr>
<td>3,5,6-Trichloro-2-pyridinol</td>
<td>µg/l</td>
<td>0.406 ± 0.183</td>
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<td>Alachlor</td>
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<td>- ± -</td>
<td>&lt;0.02 (LOQ)</td>
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<tr>
<td>Parameter</td>
<td>Unit</td>
<td>Target ± Cl(99%)</td>
<td>Result ± U</td>
<td>Criteria</td>
<td>Recovery</td>
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<tr>
<td>Alachlor-t-sulfonic acid (Alachlor-ESA)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>2.26 ± 0.678</td>
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<tr>
<td>Alachlor-t-acid (Alachlor-OA)</td>
<td>µg/l</td>
<td>0.475 ± 0.0605</td>
<td>0.405 ± 0.1215</td>
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<tr>
<td>Aldrin</td>
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<tr>
<td>AMPA</td>
<td>µg/l</td>
<td>0.715 ± 0.159</td>
<td>0.79 ± 0.237</td>
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<tr>
<td>Atrazine</td>
<td>µg/l</td>
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<tr>
<td>Atrazine-2-hydroxy</td>
<td>µg/l</td>
<td>1.52 ± 0.174</td>
<td>1.61 ± 0.483</td>
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<tr>
<td>Atrazine-desethyl</td>
<td>µg/l</td>
<td>0.212 ± 0.0153</td>
<td>0.23 ± 0.069</td>
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<tr>
<td>Atrazine-desethyl-desisopropyl</td>
<td>µg/l</td>
<td>0.872 ± 0.204</td>
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<td>Atrazine-desisopropyl</td>
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<td>Azoxybstriobin</td>
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<td>Azoxybstriobin-O-demethyl (CyPM)</td>
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<td>Bentazone</td>
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<tr>
<td>Bromacil</td>
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<tr>
<td>Chloridazon</td>
<td>µg/l</td>
<td>- ± -</td>
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<tr>
<td>Chloridazon-desphenyl</td>
<td>µg/l</td>
<td>3.11 ± 0.194</td>
<td>2.98 ± 0.894</td>
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<td>Chloridazon-methyl-desphenyl</td>
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<td>0.115 ± 0.00942</td>
<td>0.11 ± 0.033</td>
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<tr>
<td>Chlorothalonil Metabolite R611965</td>
<td>µg/l</td>
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<td>Chlorothalonil sulfonic acid (Chlorothalonil-ESA)</td>
<td>µg/l</td>
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<tr>
<td>Clopyralid</td>
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<tr>
<td>Clothianidin</td>
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<tr>
<td>Dicamba</td>
<td>µg/l</td>
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<tr>
<td>Dichlorprop</td>
<td>µg/l</td>
<td>0.222 ± 0.0162</td>
<td>0.221 ± 0.0663</td>
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<tr>
<td>Dieldrin</td>
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<tr>
<td>Dimethachlor</td>
<td>µg/l</td>
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<tr>
<td>Dimethachlor ethane sulfonic acid</td>
<td>µg/l</td>
<td>0.462 ± 0.0516</td>
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<tr>
<td>Dimethachlor oxalamic acid</td>
<td>µg/l</td>
<td>0.2 ± 0.0487</td>
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<td>Dimethachlor Metabolite - CGA 369873</td>
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<tr>
<td>Dimethachlor Metabolite - CGA 373464 (acetic acid methyl ester)</td>
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<tr>
<td>Dimethenamide</td>
<td>µg/l</td>
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<tr>
<td>Dimethenamid-P-sulfonic acid</td>
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<tr>
<td>Parameter</td>
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<td>Criteria</td>
<td>Recovery</td>
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<td>Dimethenamid-P-acid (Dimethenamid-OA)</td>
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<td>0.371 ± 0.0703</td>
<td>0.269 0.0807</td>
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<td>Diuron</td>
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<td>Ethofumesate</td>
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<tr>
<td>Flufenacet</td>
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<td>Flufenacet sulfonic acid (Flufenacet-ESA)</td>
<td>µg/l</td>
<td>0.8 ± 0.215</td>
<td>0.501 0.1503</td>
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<td>Flufenacet oxamic acid (Flufenacet-OA)</td>
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<td>Glufosinate</td>
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<td>Glyphosate</td>
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<td>Heptachlor</td>
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<td>Heptachlor epoxid</td>
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<tr>
<td>Hexazinone</td>
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<td>Imidacloprid</td>
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<td>Iodosulfuron-methyl</td>
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<td>Isoproturon-desmethoxy</td>
<td>µg/l</td>
<td>0.147 ± 0.0118</td>
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<td>MCPPB</td>
<td>µg/l</td>
<td>0.485 ± 0.039</td>
<td>0.439 0.1317</td>
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<td>MCPP (Mecoprop)</td>
<td>µg/l</td>
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<td>Metalaxyl</td>
<td>µg/l</td>
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<td>Metamitron</td>
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<td>Metazachlor</td>
<td>µg/l</td>
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<tr>
<td>Metazachlor ethane sulfonyl acid (Metazachlor-ESA)</td>
<td>µg/l</td>
<td>2.77 ± 0.367</td>
<td>2.11 0.633</td>
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<tr>
<td>Metazachlor oxamic acid (Metazachlor-OA)</td>
<td>µg/l</td>
<td>1.32 ± 0.202</td>
<td>0.875 0.2625</td>
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<tr>
<td>Metolachlor</td>
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<tr>
<td>Methylzin</td>
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<td>Metribuzin</td>
<td>µg/l</td>
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<td>Metsulfuron-methyl</td>
<td>µg/l</td>
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<tr>
<td>N,N-Dimethylnitramide (DMS)</td>
<td>µg/l</td>
<td>1.07 ± 0.217</td>
<td>1.44 0.432</td>
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<tr>
<td>Nicosulfuron</td>
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<td>Pethoxamid</td>
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<td>- ±</td>
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<tr>
<td>Propazine</td>
<td>µg/l</td>
<td>- ±</td>
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<tr>
<td>Propazine-2-hydroxy</td>
<td>µg/l</td>
<td>0.205 ± 0.0224</td>
<td>0.186 0.0567</td>
<td>0.0183</td>
<td>90.7</td>
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<td>Propiconazole</td>
<td>µg/l</td>
<td>0.363 ± 0.0362</td>
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<td>0.0482</td>
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<td>Parameter</td>
<td>Unit</td>
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<td>Result ± U</td>
<td>Criteria</td>
<td>Recovery</td>
</tr>
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<tr>
<td>s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)</td>
<td>µg/l</td>
<td>2.75 ± 0.245</td>
<td>2.15 ± 0.645</td>
<td>0.317</td>
<td>78.3</td>
</tr>
<tr>
<td>s-Metolachlor oxanilic acid (Metolachlor-OA)</td>
<td>µg/l</td>
<td>1.09 ± 0.142</td>
<td>0.814 ± 0.2442</td>
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<td>Terbuthylazine-desethyl-2-hydroxy</td>
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<td>0.504 ± 0.0313</td>
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<td>Thiacloprid</td>
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<td>Thiamethoxam</td>
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<td>Tricyclopyr</td>
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Laboratory oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Laboratory: LC0022

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<td>3,5,6-Trichloro-2-pyridinol</td>
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-2 0 2 -2 0 2 -2 0 2 0 2 z-score
The following results were achieved:

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<tr>
<th>Parameter</th>
<th>Unit</th>
<th>Target ± CI(99%)</th>
<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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<tbody>
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<td>2,4-D (2,4-Dichlorophenoxyacetic acid)</td>
<td>µg/l</td>
<td>0.303 ± 0.222</td>
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<td>2,6-Dichlorobenzamide</td>
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<td>2-Amino-4-methoxy-6-methyl-1,3,5-triazine</td>
<td>µg/l</td>
<td>- ±</td>
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<td>3,5,6-Trichloro-2-pyridinol</td>
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<td>Alachlor</td>
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<td>Alachlor-t-sulfonic acid (Alachlor-ESA)</td>
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<td>- ±</td>
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<td>Atrazine-desethyl-desisopropyl</td>
<td>µg/l</td>
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<td>Atrazine-desisopropyl</td>
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<td>Azoxystrobin</td>
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<td>Chloridazon</td>
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<td>Chloridazon-methyl-desphenyl</td>
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<td>Chlorothalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)</td>
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<td>Parameter</td>
<td>Unit</td>
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<td>Result ± U</td>
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<td>Metazachlor ethane sulfonic acid (Metazachlor-ESA)</td>
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<td>Metazachlor oxanilic acid (Metazachlor-OA)</td>
<td>µg/l</td>
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<td>Metribuzin</td>
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### Laboratory oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

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<th>Parameter</th>
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<th>Target ± Cl(99%)</th>
<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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<td>N,N-Dimethylsulfamide (DMS)</td>
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<td>Niclosulfurone</td>
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<td>Pethoxamid</td>
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<td>Propiconazole</td>
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<td>Simazine</td>
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<td>Thiacloprid</td>
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<td>Triclopyr</td>
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**Sample: PM02B**

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<th>Parameter</th>
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<th>Criteria</th>
<th>Recovery</th>
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<td>2,6-Dichlorobenzamide</td>
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<td>2-Amino-4-methoxy-6-methyl-1,3,5-triazine</td>
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<td>3,5,6-Trichloro-2-pyridinol</td>
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<td>Alachlor</td>
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<td>Parameter</td>
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<td>Result ± U</td>
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<td>Atrazine</td>
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<td>Chlorothalnil Metabolit R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)</td>
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<td>Dimethachlor</td>
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<td>Dimethachlor ethane sulfonic acid (CGA 354742, Dimethachlor-ESA)</td>
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</table>
### Laboratory oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

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<th>Recovery</th>
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<tr>
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<td>Metazachlor ethane sulfonic acid (Metazachlor-ESA)</td>
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<td>Metolachlor</td>
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<td>Metribuzin</td>
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<td>Metsulfuron-methyl</td>
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<td>Criteria</td>
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<td>z-score</td>
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<td>Terbuthylazine</td>
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<td>Thiacloprid</td>
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<td>Thiamethoxam</td>
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<td>Triclopyr</td>
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Laboratory oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Laboratory: LC0023

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<th>Measurand</th>
<th>PM02 A</th>
<th>PM02 B</th>
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<td>2,4-D (2,4-Dichlorophenoxyacetic acid)</td>
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<td>Aldrin</td>
<td></td>
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<tr>
<td>Dichlorprop.</td>
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<tr>
<td>Dieldrin</td>
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<tr>
<td>Heptachlor.</td>
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<td>MCPA</td>
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<td>MCPB</td>
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<td>MCPP (Mecoprop)</td>
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The following results were achieved:

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<tr>
<th>Parameter</th>
<th>Unit</th>
<th>Target ± Cl(99%)</th>
<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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<tr>
<td>2,4-D (2,4-Dichlorophenoxyacetic acid)</td>
<td>µg/l</td>
<td>0.303 ± 0.022</td>
<td>0.34 0.068</td>
<td>0.0327</td>
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<td>2,6-Dichlorobenzamide</td>
<td>µg/l</td>
<td>0.883 ± 0.0593</td>
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<td>2-Amino-4-methoxy-6-methyl-1,3,5-triazine</td>
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<td>3,5,6-Trichloro-2-pyridinol</td>
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<td>Alachlor</td>
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<tr>
<td>Alachlor-t-sulfonic acid (Alachlor-ESA)</td>
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<td>- ± -</td>
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<tr>
<td>Alachlor-t-acid (Alachlor-OA)</td>
<td>µg/l</td>
<td>- ± -</td>
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<tr>
<td>Aldrin</td>
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<td>Atrazine</td>
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<td>Atrazine-2-hydroxy</td>
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<tr>
<td>Atrazine-desethyl</td>
<td>µg/l</td>
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<td>Atrazine-desethyl-desisopropyl</td>
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<td>Atrazine-desisopropyl</td>
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<td>Azoxystrobin</td>
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<td>Azoxystrobin-O-demethyl (CyPM)</td>
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<td>Bromacil</td>
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<td>Chloridazon</td>
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<td>Chloridazon-desphenyl</td>
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<td>Chloridazon-methyl-desphenyl</td>
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<tr>
<td>Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)</td>
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<td>Chlorothalonil sulfonic acid (Chlorothalonil-ESA)</td>
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<td>Clopyralid</td>
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<td>Dicamba</td>
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<tr>
<td>Parameter</td>
<td>Unit</td>
<td>Target</td>
<td>± CI(99%)</td>
<td>Result</td>
<td>± U</td>
<td>Criteria</td>
</tr>
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<td>Dimethachlor Metabolite - CGA 373464 (acetic acid methyl ester)</td>
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<td>Diuron</td>
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<td>Flufenacet oxanilic acid (Flufenacet-OA)</td>
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<td>Glufosinate</td>
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<td>Isoproturon-desmethyl</td>
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<td>Metazachlor ethane sulfonic acid (Metazachlor-ESA)</td>
<td>µg/l</td>
<td>- ±</td>
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<tr>
<td>Metazachlor oxanilic acid (Metazachlor-OA)</td>
<td>µg/l</td>
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<td>Metolachlor</td>
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Laboratory oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02
Laboratory: LC0024
### Parameter: PM02B

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<th>Parameter</th>
<th>Unit</th>
<th>Target ±</th>
<th>Cl(99%)</th>
<th>Result ±</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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<td>2,4-D (2,4-Dichlorophenoxyacetic acid)</td>
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<td>Alachlor</td>
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<td>Unit</td>
<td>Target ± CI(99%)</td>
<td>Result ± U</td>
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<td>Dicamba</td>
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<td>Dimethachlor</td>
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<td>Metazachlor oxanilic acid (Metazachlor-OA)</td>
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<td>Metribuzin</td>
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<tr>
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<td>µg/l</td>
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<td>N,N-Dimethylsulfamide (DMS)</td>
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<td>Nicosulfuron</td>
<td>µg/l</td>
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<td>Pethoxamid</td>
<td>µg/l</td>
<td>- ± -</td>
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<tr>
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<td>µg/l</td>
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<td>Result ± U</td>
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<td>Recovery</td>
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<td>Thiamefloxam</td>
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Laboratory oriented report Pesticides in Accordance with the Drinking Water Ordinance - PM02

Laboratory: LC0024

Sample

PM02 A  PM02 B

2,4-D (2,4-Dichlorophenoxyacetic acid)
2,6-Dichlorobenzamide
Atrazine
Atrazine-desethyl
Atrazine-desethyl-desisopropyl
Atrazine-desisopropyl
Azoxystrobin
Bentazone
Chloridazon
Clopyralid
Clothianidin
Dimethachlor
Dimethenamide
Diuron
Ethofumesate
Flufenacet
Imidacloprid
Iodosulfuron-methyl
Isoproturon
MCPA
MCPB
MCPP (Mecoprop)
Metalaxyl
Metaluron
Metolachlor
Metribuzin
Metsulfuron-methyl
Nicosulfuron
Pethoxamid
Propiconazole
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)
Simazine
Terbuthylazine
Terbuthylazine-desethyl
Thiacloprid
Thiamethoxam
Thifensulfuron-methyl
Triamuron-methyl
Triclopyr

z-score

-2 0 2

701/715
The following results were achieved:

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Unit</th>
<th>Target ± CI(99%)</th>
<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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</thead>
<tbody>
<tr>
<td>2,4-D (2,4-Dichlorophenoxyacetic acid)</td>
<td>µg/l</td>
<td>0.303 ± 0.022</td>
<td>0.322 ± 0.064</td>
<td>0.0327</td>
<td>106</td>
<td>0.59</td>
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<td>2,6-Dichlorobenzamide</td>
<td>µg/l</td>
<td>0.883 ± 0.0593</td>
<td>1 ± 0.2</td>
<td>0.0884</td>
<td>113</td>
<td>1.33</td>
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<td>2-Amino-4-methoxy-6-methyl-1,3,5-triazine</td>
<td>µg/l</td>
<td>- ± -</td>
<td>- - -</td>
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<tr>
<td>3,5,6-Trichloro-2-pyridinol</td>
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<td>0.5 ± 0.0649</td>
<td>0.536 ± 0.107</td>
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<td>Alachlor</td>
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<td>0.59</td>
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<td>Alachlor-t-sulfonic acid (Alachlor-ESA)</td>
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<td>- ± -</td>
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<td>Alachlor-t-acid (Alachlor-OA)</td>
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<td>1.33</td>
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<tr>
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<tr>
<td>AMPA</td>
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<td>0.154 ± 0.00877</td>
<td>0.167 ± 0.033</td>
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<td>Atrazine</td>
<td>µg/l</td>
<td>0.154 ± 0.00877</td>
<td>0.167 ± 0.033</td>
<td>0.0137</td>
<td>108</td>
<td>0.94</td>
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<td>Atrazine-desethyl</td>
<td>µg/l</td>
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<td>Atrazine-desethyl-desisopropyl</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
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<tr>
<td>Atrazine-desisopropyl</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
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<tr>
<td>Atrazine-2-hydroxy</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
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<tr>
<td>Atrazine-desisopropyl</td>
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<tr>
<td>Azoxystrobin</td>
<td>µg/l</td>
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<tr>
<td>Bentazone</td>
<td>µg/l</td>
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<td>0.094 ± 0.019</td>
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<tr>
<td>Bromacil</td>
<td>µg/l</td>
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<tr>
<td>Chloridazon</td>
<td>µg/l</td>
<td>0.0873 ± 0.00567</td>
<td>0.102 ± 0.02</td>
<td>0.00756</td>
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<td>Chloridazon-desphenyl</td>
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<td>Chloridazon-methyl-desphenyl</td>
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<td>Chlorothalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)</td>
<td>µg/l</td>
<td>- ± -</td>
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<td>Chlorothalonil sulfonic acid (Chlorothalonil-ESA)</td>
<td>µg/l</td>
<td>- ± -</td>
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<td>-</td>
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<tr>
<td>Clopyralid</td>
<td>µg/l</td>
<td>0.351 ± 0.0762</td>
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<td>0.0718</td>
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<tr>
<td>Clothianidin</td>
<td>µg/l</td>
<td>0.162 ± 0.0146</td>
<td>0.156 ± 0.0312</td>
<td>0.0162</td>
<td>96.3</td>
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<tr>
<td>Dicamba</td>
<td>µg/l</td>
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<td>Dichlorprop</td>
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<td>Dimethachlor</td>
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<td>- ± -</td>
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This report was created with PROLab, a software by QuoData: http://www.quodata.de/
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<tr>
<th>Parameter</th>
<th>Unit</th>
<th>Target ± CI(99%)</th>
<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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<td>Dimethachlor Metabolite - CGA 373464 (acetic acid methyl ester)</td>
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<td>- ± -</td>
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<td>Dicuron</td>
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<td>0.163 0.033</td>
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<td>Glyphosate</td>
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<tr>
<td>Hexazinone</td>
<td>µg/l</td>
<td>0.22 ± 0.0201</td>
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<td>0.0268</td>
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<tr>
<td>Imdacloprid</td>
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<td>Propiconazole</td>
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<td>Simazine</td>
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**Sample: PM02B**

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<th>Target ± Cl(99%)</th>
<th>Result ± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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<td>2,4-D (2,4-Dichlorophenoxyacetic acid)</td>
<td>µg/l</td>
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<td>2,6-Dichlorobenzamide</td>
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<td>2-Amino-4-methoxy-6-methyl-1,3,5-triazine</td>
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<td>Atrazine</td>
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<td>MCPB</td>
<td>µg/l</td>
<td>0.485 ± 0.039</td>
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<td>MCPP (Mecoprop)</td>
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<td>Mesosulfuron-methyl</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
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<td>Metalaxyl</td>
<td>µg/l</td>
<td>- ± -</td>
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<td>Metazachlor</td>
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<td>&lt;0.01 (LOQ)</td>
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<td>Metazachlor ethane sulfonic acid (Metazachlor-ESA)</td>
<td>µg/l</td>
<td>2.77 ± 0.367</td>
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<td>Metolachlor</td>
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<td>&lt;0.01 (LOQ)</td>
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<td>Metribuzin</td>
<td>µg/l</td>
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<td>Metribuzin-desamino</td>
<td>µg/l</td>
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<td>N,N-Dimethylsulfamide (DMS)</td>
<td>µg/l</td>
<td>1.07 ± 0.217</td>
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<td>Nicosulfuron</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
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<td>Pethoxamid</td>
<td>µg/l</td>
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<td>Propazine</td>
<td>µg/l</td>
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<td>Propazine-2-hydroxy</td>
<td>µg/l</td>
<td>0.205 ± 0.0224</td>
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<td>Propiconazole</td>
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<td>Unit</td>
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<td>Criteria</td>
<td>Recovery</td>
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<td>s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)</td>
<td>µg/l</td>
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<td>Simazine</td>
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<tr>
<td>Terbuthylazine</td>
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<td>Terbuthylazine-2-hydroxy</td>
<td>µg/l</td>
<td>0.204 ± 0.0276</td>
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<td>µg/l</td>
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<td>µg/l</td>
<td>0.504 ± 0.0313</td>
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<td>Thiacinoprid</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
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<td>Thiamethoxam</td>
<td>µg/l</td>
<td>0.128 ± 0.0118</td>
<td>0.153</td>
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<td>0.0141</td>
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<td>Tolyfluanid</td>
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<td>Tritosulfuron</td>
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</table>
Laboratory oriented report: Pesticides in Accordance with the Drinking Water Ordinance - PM02

Laboratory: LC0025

Sample

PM02 A
PM02 B

2,4-D (2,4-Dichlorophenoxyacetic acid)
2,6-Dichlorobenzamide
Alachlor
Alachlor-t-acid (Alachlor-OA)
AMPA
Atrazine
Atrazine-2-hydroxy
Atrazine-desethyl
Atrazine-desisopropyl
Azoxystrobin
Bentazon
Chloridazon
Chloridazon-desphenyl
Chloridazon-methyl-desphenyl
Clothianidin
Dicamba
Dichlorprop
Dimethachlor
Dimethachlor ethane sulfonic acid (CGA 354742, Dimethachlor-ESA)
Dimethachlor oxalamic acid (CGA 50266, Dimethachlor-OA)
Dimethenamide
Dimethenamid-P-sulfonic acid (Dimethenamid-ESA)
Diquat
Ethofumesate
Flufenacet
Glufosinate
Glyphosate
Imidacloprid
Isoproturon
MCPA
MCPP (Mecoprop)
Mesosulfuron-methyl
Metalaxyl
Metamitron
Metazachlor
Metazachlor ethane sulfonic acid (Metazachlor-ESA)
Metazachlor oxanilic acid (Metazachlor-OA)
Metolachlor
Metribuzin
Metribuzin-desamino
Nicosulfuron
Propazine
Propazine-2-hydroxy
Propiconazole
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)
s-Metolachlor oxanilic acid (Metolachlor-OA)
Simazine
Terbutylazine
Terbutylazine-2-hydroxy
Thiacloprid
Thiamethoxam
Thifensulfuron-methyl
Triclopyr

4.0
2.2
2.3
5.0
3.3
708/715
The following results were achieved:

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<tr>
<th>Parameter</th>
<th>Unit</th>
<th>Target</th>
<th>± CI(99%)</th>
<th>Result</th>
<th>± U</th>
<th>Criteria</th>
<th>Recovery</th>
<th>z-score</th>
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</thead>
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<td>2,4-D (2,4-Dichlorophenoxyacetic acid)</td>
<td>µg/l</td>
<td>0.303 ± 0.022</td>
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<td>-</td>
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<td>2,6-Dichlorobenzamide</td>
<td>µg/l</td>
<td>0.883 ± 0.0593</td>
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<td>2-Amino-4-methoxy-6-methyl-1,3,5-triazine</td>
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<tr>
<td>3,5,6-Trichloro-2-pyridinol</td>
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<tr>
<td>Alachlor</td>
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<td>- ±</td>
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</tr>
<tr>
<td>Alachlor-t-sulfonic acid (Alachlor-ESA)</td>
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<td>- ±</td>
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<tr>
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<td>µg/l</td>
<td>- ±</td>
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<tr>
<td>Atrazine</td>
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<td>Atrazine-2-hydroxy</td>
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<td>Atrazine-desethyl</td>
<td>µg/l</td>
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<td>-</td>
<td>0.006</td>
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<td>Atrazine-desethyl-desisopropyl</td>
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<td>Atrazine-desisopropyl</td>
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<td>Azoxystrobin-O-demethyl (CyPM)</td>
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<td>Bentazone</td>
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<td>Bromacil</td>
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<td>Chloridazon</td>
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<td>Chloridazon-desphenyl</td>
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<td>Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)</td>
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<td>Chlorothalonil sulfonic acid (Chlorothalonil-ESA)</td>
<td>µg/l</td>
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<td>Dicamba</td>
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<td>Dichlorprop</td>
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<td>0.606 ± 0.0444</td>
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<td>Dieldrin</td>
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<td>Dimethachlor</td>
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<td>Dimethachlor ethane sulfonic acid (CGA 354742, Dimethachlor-ESA)</td>
<td>µg/l</td>
<td>- ±</td>
<td>-</td>
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<tr>
<td>Parameter</td>
<td>Unit</td>
<td>Target ± CI(99%)</td>
<td>Result ± U</td>
<td>Criteria</td>
<td>Recovery</td>
<td>z-score</td>
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<td>Dimethachlor oxalamic acid (CGA 50266, Dimethachlor-OA)</td>
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<td>- ± -</td>
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<td>- -</td>
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<td>Dimethachlor Metabolite - CGA 373464 (acetic acid methyl ester)</td>
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<td>- -</td>
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<td>Dimethachlor Metabolite - CGA 373464 (free acid)</td>
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<td>Dimethanamide</td>
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<td>Dimethanamid-P-acid (Dimethanamid-OA)</td>
<td>µg/l</td>
<td>- ± -</td>
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<td>Ethofumesate</td>
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<td>Flufenacat oxanilic acid (Flufenacat-OA)</td>
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<td>Propazine</td>
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<tr>
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<td>s-Metolachlor oxanilic acid</td>
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<td>Terbuthylazine</td>
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<td>Tribenuron-methyl</td>
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<td>Triclopyr</td>
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<td>Triflusulfuron-Methyl</td>
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Sample: PM02B

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<th>± U</th>
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<tbody>
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<td>2,4-D (2,4-Dichlorophenoxyaceticacid)</td>
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<td>2,6-Dichlorobenzamide</td>
<td>µg/l</td>
<td>2.53 ± 0.132</td>
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<td>2-Amino-4-methoxy-6-methyl-1,3,5-triazine</td>
<td>µg/l</td>
<td>0.182 ± 0.0175</td>
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<td>3,5,6-Trichloro-2-pyridinol</td>
<td>µg/l</td>
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<td>Alachlor</td>
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## Laboratory oriented report
### Pesticides in Accordance with the Drinking Water Ordinance - PM02

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<th>Recovery</th>
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<td>µg/l</td>
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<td>AMPA</td>
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<td>Atrazine</td>
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<td>Atrazine-2-hydroxy</td>
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<td>Atrazine-desethyl</td>
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<td>Atrazine-desethyl-desisopropyl</td>
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<td>Atoxystrobin</td>
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<td>Bromacil</td>
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<td>Chloridazon</td>
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<td>Chlorothalonil sulfonic acid (Chlorothalonil-ESA)</td>
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<td>Clopyralid</td>
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<td>Dicamba</td>
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<td>Dichlorprop</td>
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<td>Dimethachlor ethane sulfonic acid (CGA 354742, Dimethachlor-ESA)</td>
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<td>Dimethachlor Metabolite - CGA 373464 (acetic acid methyl ester)</td>
<td>µg/l</td>
<td>- ± -</td>
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<td>Dimethachlor Metabolite - CGA 373464 (free acid)</td>
<td>µg/l</td>
<td>- ± -</td>
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<tr>
<td>Dimethenamide</td>
<td>µg/l</td>
<td>- ± -</td>
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<tr>
<td>Dimethenamid-P-sulfonic acid</td>
<td>µg/l</td>
<td>0.911 ± 0.187</td>
<td>- -</td>
<td>0.197</td>
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<td>Parameter</td>
<td>Unit</td>
<td>Target ± CI(99%)</td>
<td>Result ± U</td>
<td>Criteria</td>
<td>Recovery</td>
<td>z-score</td>
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<tr>
<td>Dimethenamid-ESA</td>
<td>µg/l</td>
<td>0.371 ± 0.0703</td>
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<td>0.0574</td>
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<td>Dimethenamid-P-acid (Dimethenamid-OA)</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.01 (LOQ)</td>
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<tr>
<td>Ethofumesate</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.025</td>
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<tr>
<td>Flufenacet</td>
<td>µg/l</td>
<td>- ± -</td>
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<td>Flufenacet sulfonic acid (Flufenacet-ESA)</td>
<td>µg/l</td>
<td>0.8 ± 0.215</td>
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<td>0.176</td>
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<td>Flufenacet oxanilic acid (Flufenacet-OA)</td>
<td>µg/l</td>
<td>0.191 ± 0.0874</td>
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<td>Glufosinate</td>
<td>µg/l</td>
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<td>Glyphosate</td>
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<td>Heptachlor</td>
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<td>Heptachlor epoxid</td>
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<td>0.185 ± 0.0222</td>
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<td>Hexazinone</td>
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<td>Imidacloprid</td>
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<td>Iodosulfuron-methyl</td>
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<td>Isoproturon</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.005</td>
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<td>Isoproturon-desmethyl</td>
<td>µg/l</td>
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<td>MCPA</td>
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<td>MCPB</td>
<td>µg/l</td>
<td>0.485 ± 0.039</td>
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<td>MCP (Mecoprop)</td>
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<td>Mesosulfuron-methyl</td>
<td>µg/l</td>
<td>- ± -</td>
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<td>Metalaxyl</td>
<td>µg/l</td>
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<td>Metamitron</td>
<td>µg/l</td>
<td>0.157 ± 0.0156</td>
<td>0.168 0.024 0.0227 107 0.50</td>
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<td>Metazachlor</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.005</td>
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<td>Metazachlor ethane sulfonic acid (Metazachlor-ESA)</td>
<td>µg/l</td>
<td>2.77 ± 0.367</td>
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<td>Metazachlor oxanilic acid (Metazachlor-OA)</td>
<td>µg/l</td>
<td>1.32 ± 0.202</td>
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<td>Metolachlor</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.025</td>
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<td>Metribuzin</td>
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<tr>
<td>Metribuzin-desamino</td>
<td>µg/l</td>
<td>0.256 ± 0.0346</td>
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<td>0.0305</td>
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<tr>
<td>Metsulfuron-methyl</td>
<td>µg/l</td>
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<tr>
<td>N,N-Dimethylsulfamide (DMS)</td>
<td>µg/l</td>
<td>1.07 ± 0.217</td>
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<td>Nicosulfuron</td>
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<td>Pethoxamid</td>
<td>µg/l</td>
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<tr>
<td>Propazine</td>
<td>µg/l</td>
<td>- ± -</td>
<td>&lt;0.005</td>
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<tr>
<td>Propazine-2-hydroxy</td>
<td>µg/l</td>
<td>0.205 ± 0.0224</td>
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<td>Propiconazole</td>
<td>µg/l</td>
<td>0.363 ± 0.0362</td>
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<td>Parameter</td>
<td>Unit</td>
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<td>Criteria</td>
<td>Recovery</td>
<td>z-score</td>
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<td>s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)</td>
<td>µg/l</td>
<td>2.75 ± 0.245</td>
<td>2.645 ± 0.444</td>
<td>0.317</td>
<td>96.3</td>
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<td>s-Metolachlor oxanilic acid (Metolachlor-OA)</td>
<td>µg/l</td>
<td>1.09 ± 0.142</td>
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<td>s-Metolachlor Metabolite CGA 368208</td>
<td>µg/l</td>
<td>- ±</td>
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<td>s-Metolachlor Metabolite NOA 413173</td>
<td>µg/l</td>
<td>- ±</td>
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<tr>
<td>Simazine</td>
<td>µg/l</td>
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<td>Terbuthylazine</td>
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<td>µg/l</td>
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<td>Terbuthylazine-desethyl-2-hydroxy</td>
<td>µg/l</td>
<td>0.122 ± 0.0256</td>
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<td>Terbuthylazine-desethyl</td>
<td>µg/l</td>
<td>0.504 ± 0.0313</td>
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<td>Thiacloprid</td>
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<td>Thiamefoxam</td>
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z-score

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