

EVALUATION OF THE INTERLABORATORY COMPARISON TEST

Pesticides H102

Sample dispatch on 16th October 2018

1st Edition 21st December 2018

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1 Interlaboratory comparison Pesticides H102

1.1 Participants and time schedule

- Number of registrations: 17
- Number of submitted data records: 17
- Dispatch of samples: 16th October 2018
- Closing date for submission of data: 20th November 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 groundwater (H102 A)
- 1 Sample drinking water (PH102 B)

The sampling of the drinking water was carried out on 15th October 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 16th October 2018.

Each participant received:

- 2 samples (each 600 ml), each filled in 300 ml Aluminium bottles or
- 2 samples (each 2000 ml), each filled in 1000 ml Aluminium bottles or
- 2 samples (each 4000 ml), each filled in 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 $\pm U$.

2 Evaluation

The analytical results had to be made available to the organiser not later than 20th November 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:

$$z - score = \frac{x_i - \bar{X}}{Criteria}$$

In this context,

x_i	is the measurement value of the participating laboratory.
\bar{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;
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.

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 Aldrin, Bromacil, Cyanazine, Dieldrin, Sum DDE, Sum DDD, Sum DDT and Sum Endosulfan in sample A and for Aldrin, Cyanazine, Sum DDE, Sum DDD, Sum DDT, Sum Endosulfan and Thiamethoxam in sample B.

Sample H102 A: For the parameters Clothianidin, Dinotefurane, Imidacloprid, Nitenpyram, Propazine and Sum Chlordane no target value was calculated because of the low analyte content and/or the small number of submitted valid results.

Sample H102 B: For the parameters Acetamiprid, Atrazine, Dieldrin, Dinotefurane Heptachlor, Imidacloprid, Nitenpyram und Summe Chlordane no target value was calculated because of the low analyte content and/or the small number of submitted valid results.

Parameter Summe DDE Probe H102 A:

The outliers were calculated according to Dean-Dixon, in contrast to the procedure described above. Because of a widespread between the minimum (0.0026 µg/l) and maximum (13 µg/l) result (see also table below) the Hampel outlier test is not applicable for this parameter. According to Hampel LC0001 would be defined as outlier, on the contrary, LC0016 is not excluded.

Table 1: Results of parameter Sum DDE in sample A

Laboratory code	Result Sum DDE [µg/l]
LC0001	13
LC0004	0.302
LC0005	0.44
LC0006	0.207
LC0007	0.285
LC0011	0.313
LC0013	0.316
LC0014	< 0.01*
LC0016	0.0026

*Result not considered (FN)

For the assessment of an outlier according to Dean-Dixon test, all results were ordered and checked in order of descending concentrations (test for minimum and maximum value). The results of LC0001 and LC0016 were indicated as outlier (level of significance $\alpha=0.1$). Using the remaining results the characteristic values of the interlaboratory comparison were calculated (see parameter oriented results).

5 Annotations on tables and charts

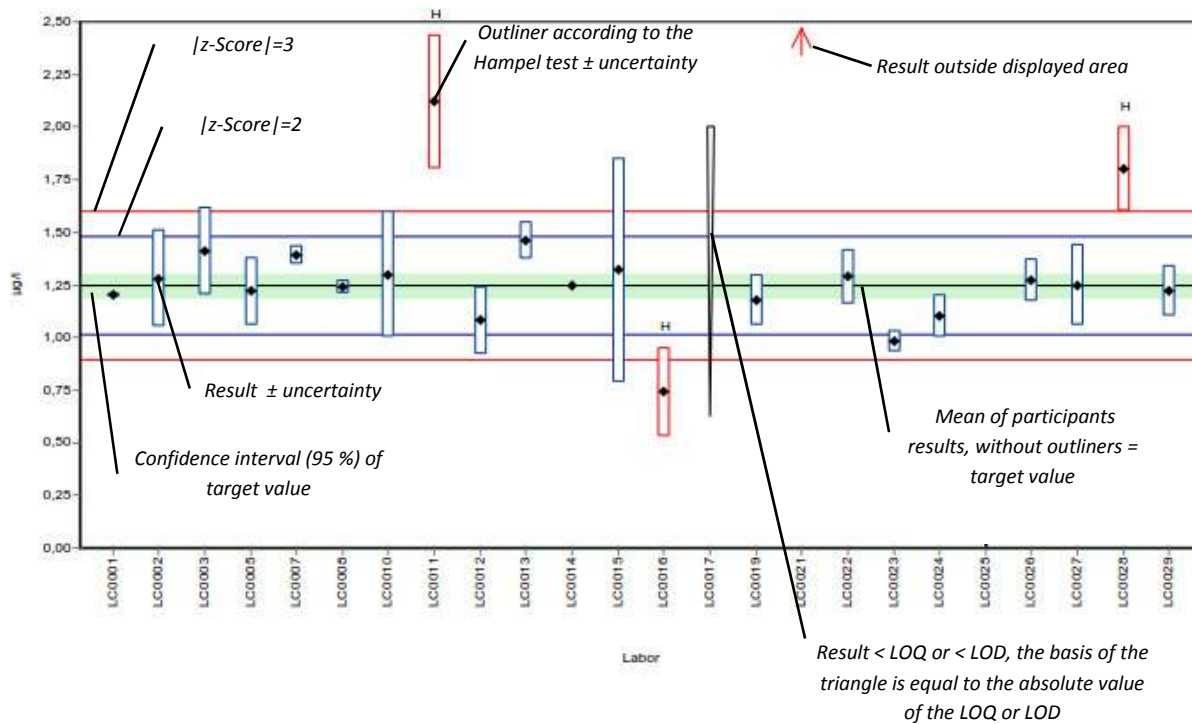
5.1 Information and abbreviations in tables

Parameter	Analyte identifier
Sample	Sample identifier
Unit	Given unit for result and uncertainty (e.g. µg/l)
Mean	Mean of the participants results, without outliers (3 significant digits)
CI (99 %)	99% confidence interval (3 significant digits)
Minimum	Minimum of all submitted results, after removal of outliers (3 significant digits)
Maximum	Maximum of all submitted results, after removal of outliers (3 significant digits)
SD	Reproducibility standard deviation, calculated from the participants results, after removal of outliers (3 significant digits)
RSD %	Reproducibility standard deviation, calculated from the participants results relative to the target value, given in %, after removal of outliers (2 significant digits)
Control test value ± U	Mean of control test value ± measurement uncertainty (3 significant digits)
Labcode	Laboratory identifier (anonymized)
Result	Result as indicated by participant (max. 5 decimal places)
± U	Results uncertainty as indicated by participant (max. 5 decimal places)
LOQ	Limit of quantification
LOD	Limit of detection
Recovery	Recovery rate in % based on target value (3 significant digits, max. one decimal place given)
z-Score	Deviation of result based on target value depicted as a multiple of the criteria (3 significant digits, max. 2 decimal places given)
-	<i>No data available</i>
Comments	Comment on the respective result (e.g. H, FN, FP)
H	Outlier according to Hampel-Test
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 %.

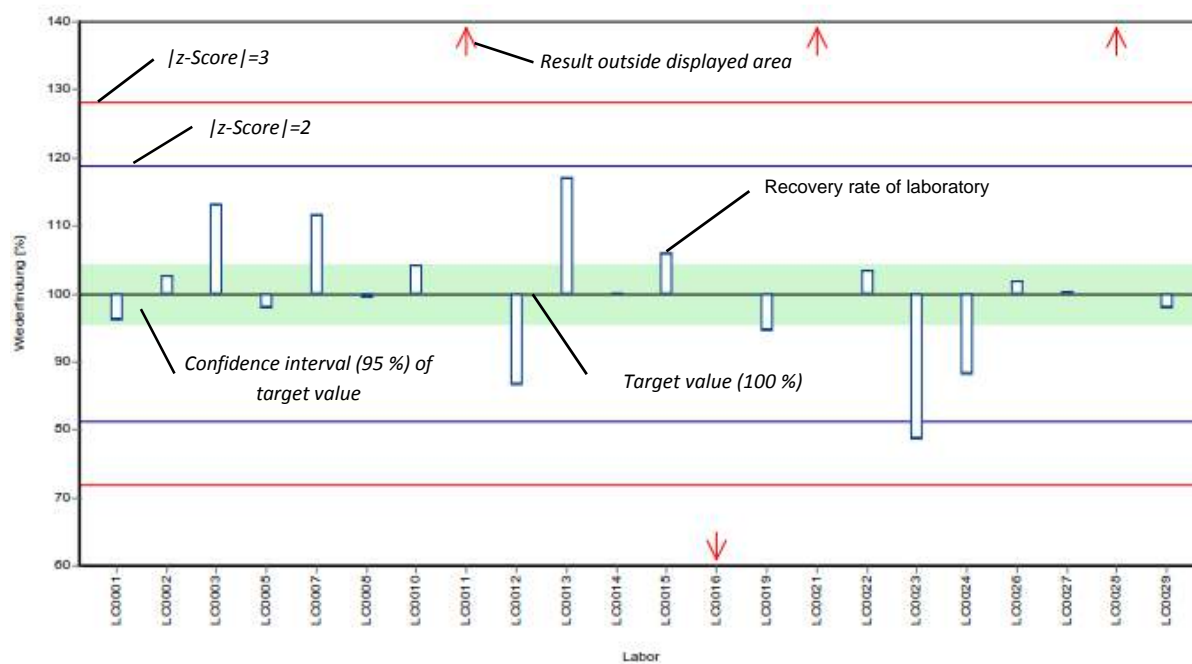
Standard deviation	Reproducibility standard deviation, calculated from the participants results (3 significant digits)
Rel. standard deviation	Reproducibility standard deviation, calculated from the participants results relative to the target value, given in %, (3 significant digits)
n	Number of results
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

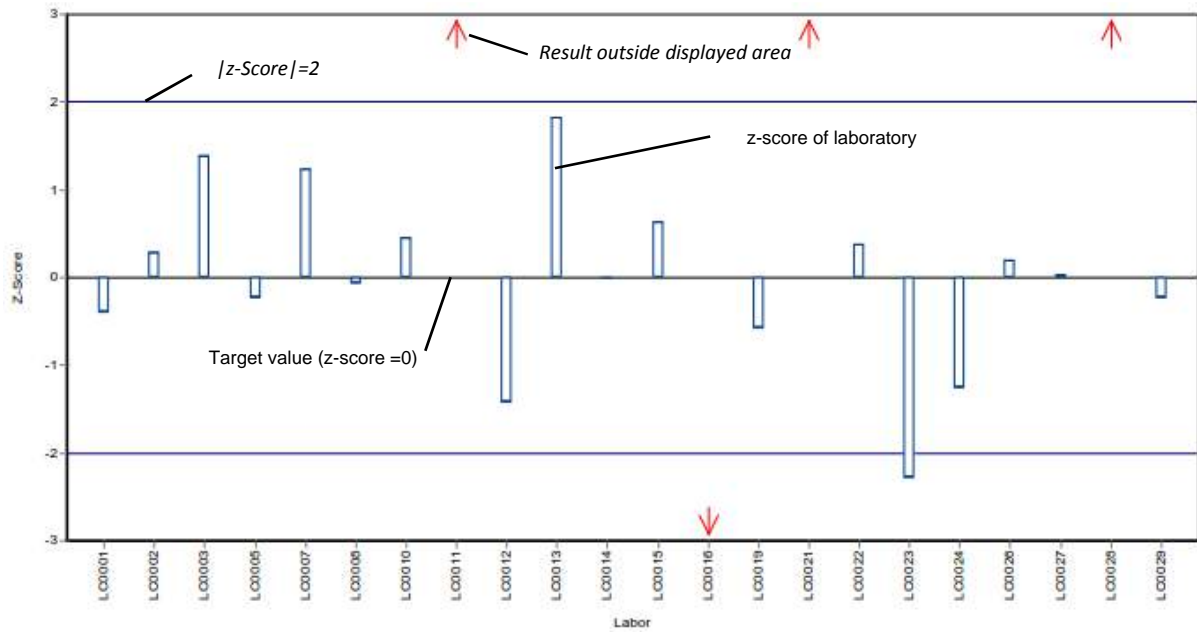
Example chart: Results



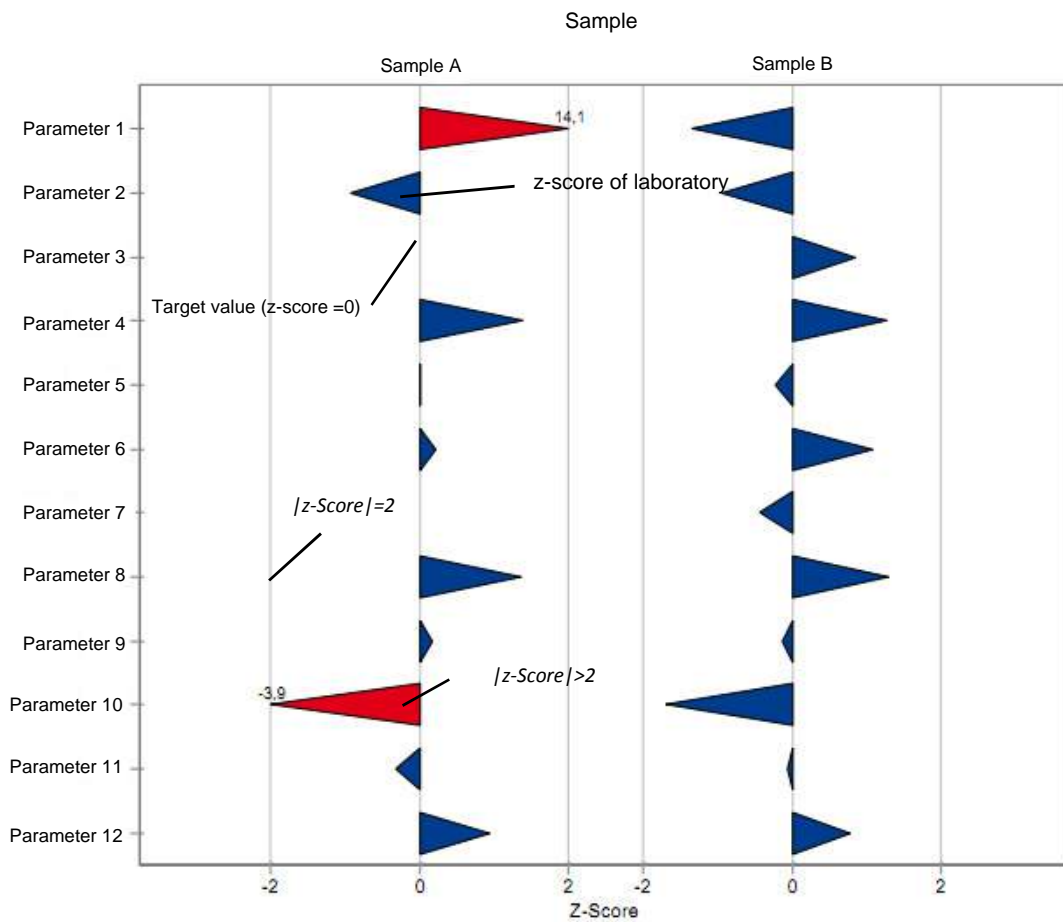
Example chart: Recovery



Example chart: z-score



Example chart: z-score - laboratory oriented report



Summary of results, after removal of outliers: Pesticides H102

6 Summary of results, after removal of outliers

Parameter	Sample	Unit	Number of results for calculation	Number of outliers	Mean	± CI (99%)	Minimum	Maximum	SD	RSD %
Acetamiprid	H102 A	µg/l	6	0	0.0977	± 0.01	0.088	0.11	0.00817	8.4
	H102 B	µg/l	5	1	-	± -	0.429	0.702	-	-
Aldrin	H102 A	µg/l	8	2	0.167	± 0.0972	0.041	0.34	0.0916	55
	H102 B	µg/l	11	1	0.208	± 0.146	0.043	0.589	0.161	78
Atrazine	H102 A	µg/l	11	0	0.181	± 0.0223	0.145	0.22	0.0247	14
	H102 B	µg/l	0	0	-	± -	-	-	-	-
Atrazine-desethyl	H102 A	µg/l	9	1	0.358	± 0.0276	0.327	0.404	0.0276	7.7
	H102 B	µg/l	9	1	0.658	± 0.0692	0.513	0.732	0.0692	11
Atrazine-desisopropyl	H102 A	µg/l	9	0	0.169	± 0.0231	0.136	0.214	0.0231	14
	H102 B	µg/l	9	0	0.572	± 0.0557	0.477	0.676	0.0557	9.7
Bromacil	H102 A	µg/l	7	0	0.215	± 0.0666	0.129	0.32	0.0587	27
	H102 B	µg/l	6	0	0.201	± 0.0614	0.12	0.26	0.0501	25
Clothianidin	H102 A	µg/l	0	0	-	± -	-	-	-	-
	H102 B	µg/l	6	0	0.584	± 0.0703	0.515	0.65	0.0574	9.8
Cyanazine	H102 A	µg/l	10	0	0.162	± 0.0423	0.07	0.235	0.0446	28
	H102 B	µg/l	10	0	0.201	± 0.052	0.12	0.307	0.0549	27
Dieldrin	H102 A	µg/l	12	1	0.107	± 0.0235	0.064	0.15	0.0271	25
	H102 B	µg/l	3	0	-	± -	0.0028	22	-	-
Dinotefurane	H102 A	µg/l	2	0	-	± -	0.07	0.11	-	-
	H102 B	µg/l	0	0	-	± -	-	-	-	-
Endrin	H102 A	µg/l	7	2	0.254	± 0.0261	0.217	0.288	0.0231	9.1
	H102 B	µg/l	8	1	0.355	± 0.0688	0.227	0.433	0.0649	18
Heptachlor	H102 A	µg/l	12	0	0.0912	± 0.0415	0.022	0.16	0.0479	52
	H102 B	µg/l	2	0	-	± -	0.028	40	-	-
Imidacloprid	H102 A	µg/l	5	2	-	± -	0.25	0.283	-	-
	H102 B	µg/l	5	2	-	± -	0.452	0.506	-	-
Lindane (Gamma-HCH)	H102 A	µg/l	10	2	0.301	± 0.0645	0.164	0.43	0.068	23

Summary of results, after removal of outliers: Pesticides H102

Parameter	Sample	Unit	Number of results for calculation	Number of outliers	Mean	± CI (99%)	Minimum	Maximum	SD	RSD %
Lindane (Gamma-HCH)	H102 B	µg/l	9	3	0.301	± 0.0321	0.242	0.36	0.0321	11
Nitenpyram	H102 A	µg/l	2	0	-	± -	0.443	0.91	-	-
	H102 B	µg/l	2	0	-	± -	0.099	0.1	-	-
Prometryn	H102 A	µg/l	8	0	0.254	± 0.0426	0.206	0.33	0.0402	16
	H102 B	µg/l	8	0	0.526	± 0.0809	0.45	0.69	0.0763	15
Propazine	H102 A	µg/l	5	2	-	± -	0.6	0.707	-	-
	H102 B	µg/l	8	0	0.297	± 0.0314	0.249	0.332	0.0296	10
Sum Chlordane	H102 A	µg/l	5	2	-	± -	0.056	0.129	-	-
	H102 B	µg/l	5	2	-	± -	0.134	0.307	-	-
Sum DDD	H102 A	µg/l	6	1	0.217	± 0.133	0.065	0.37	0.108	50
	H102 B	µg/l	6	1	0.327	± 0.211	0.12	0.607	0.172	53
Sum DDE	H102 A	µg/l	6	2	0.31	± 0.092	0.207	0.44	0.0752	24
	H102 B	µg/l	7	2	0.345	± 0.146	0.121	0.54	0.128	37
Sum DDT	H102 A	µg/l	8	2	0.385	± 0.161	0.219	0.717	0.152	39
	H102 B	µg/l	8	2	0.16	± 0.0887	0.0819	0.354	0.0836	52
Sum Endosulfan	H102 A	µg/l	6	2	0.114	± 0.0506	0.059	0.163	0.0413	36
	H102 B	µg/l	7	1	0.687	± 0.243	0.348	1.05	0.214	31
Thiacloprid	H102 A	µg/l	7	1	0.612	± 0.0529	0.547	0.69	0.0467	7.6
	H102 B	µg/l	7	1	0.109	± 0.0127	0.095	0.122	0.0112	10
Thiamethoxam	H102 A	µg/l	7	0	0.463	± 0.0838	0.362	0.56	0.0739	16
	H102 B	µg/l	7	0	0.102	± 0.0424	0.06	0.145	0.0374	37

7 Parameter oriented report

Acetamiprid	15
Aldrin	21
Atrazine	29
Atrazine-Desethyl	35
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Bromacil	51
Chlothianidin	59
Cyanazine	65
Dieldrin	73
Dinotefurane.....	79
Endrin.....	83
Heptachlor.....	91
Imidacloprid.....	97
Lindane (Gamma-HCH).....	101
Nitenpyram.....	109
Prometryn.....	113
Propazine	121
Sum Chlordane	127
Sum DDD	131
Sum DDE	139
Sum DDT	147
Sum Endosulfan	155
Thiacloprid.....	163
Thiamethoxam.....	171

Parameter oriented report

H102 A

Acetamiprid

Unit	µg/l
Mean ± CI (99%)	0.0977 ± 0.01
Minimum - Maximum	0.088 - 0.11
Control test value ± U	0.0914 ± 0.0137

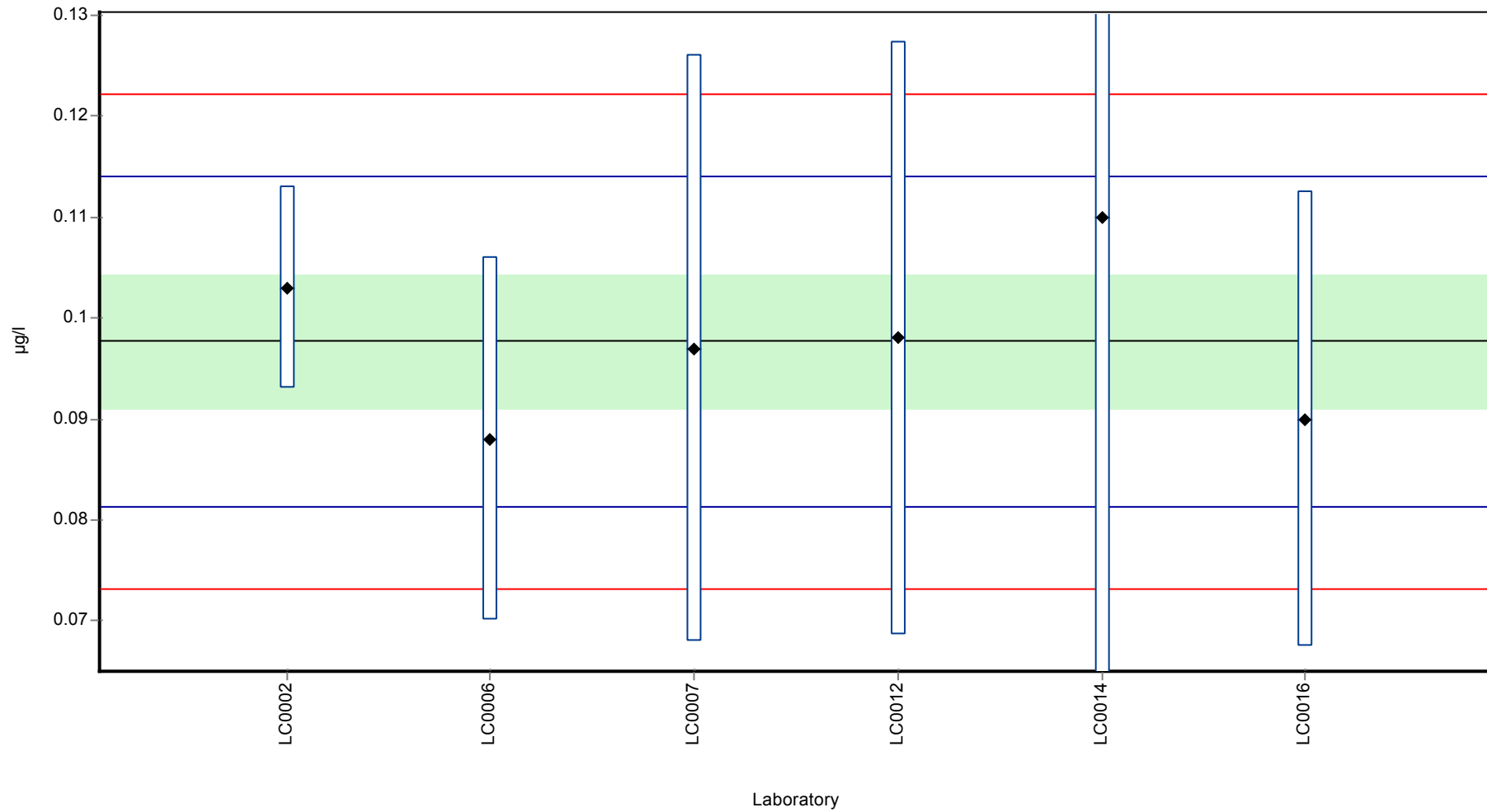
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.103	0.01	105	0.65	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	0.088	0.018	90.1	-1.18	
LC0007	0.097	0.0291	99.3	-0.08	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.098	0.0294	100	0.04	
LC0013	-	-	-	-	
LC0014	0.11	0.05	113	1.51	
LC0015	-	-	-	-	
LC0016	0.09	0.0225	92.2	-0.94	
LC0017	-	-	-	-	

Characteristics of parameter

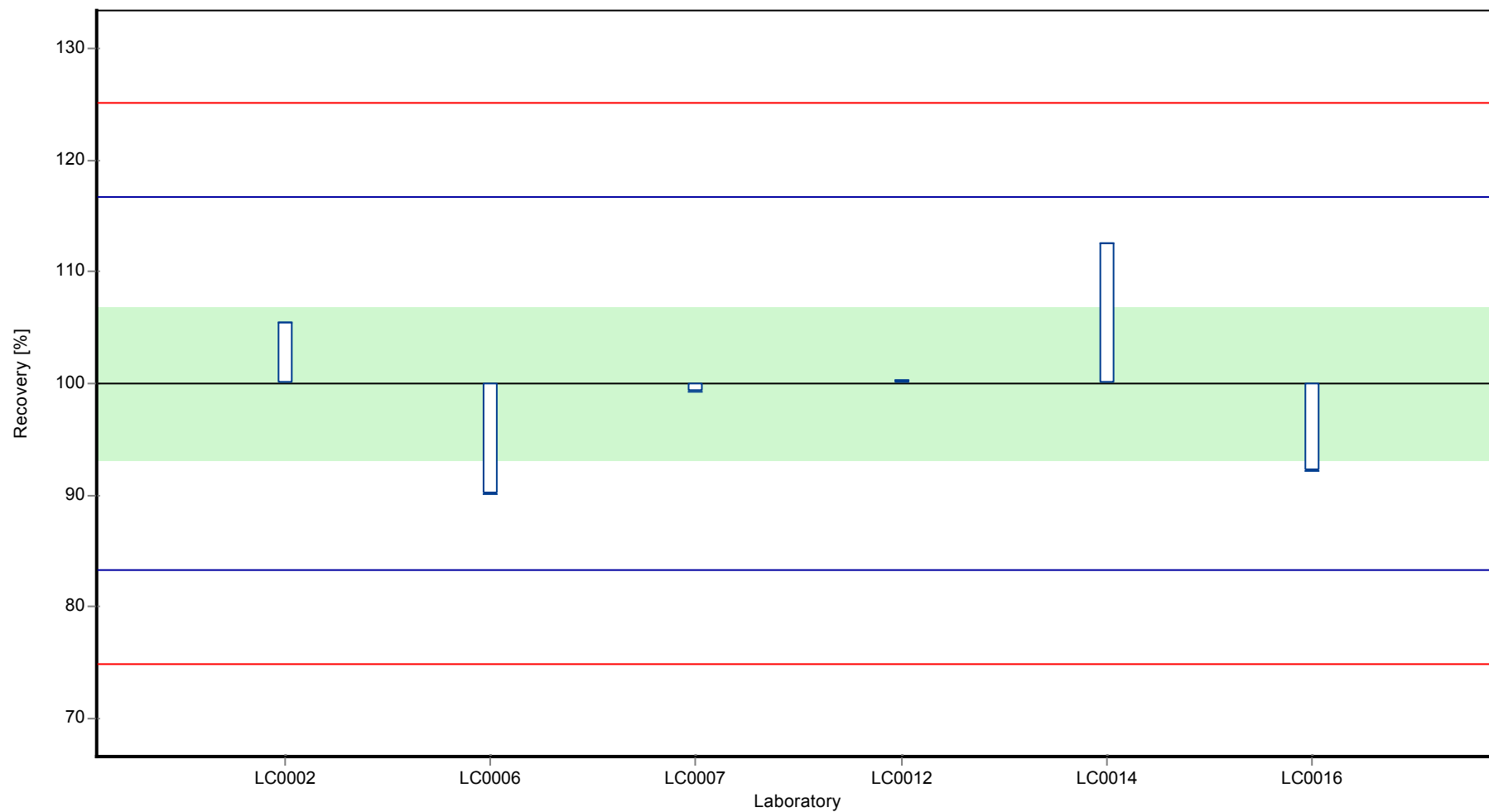
	all results	without outliers	Unit
Mean ± CI (99%)	0.0977 ± 0.01	0.0977 ± 0.01	µg/l
Minimum	0.088	0.088	µg/l
Maximum	0.11	0.11	µg/l
Standard deviation	0.00817	0.00817	µg/l
rel. Standard deviation	8.36	8.36	%
n	6	6	-

Graphical presentation of results

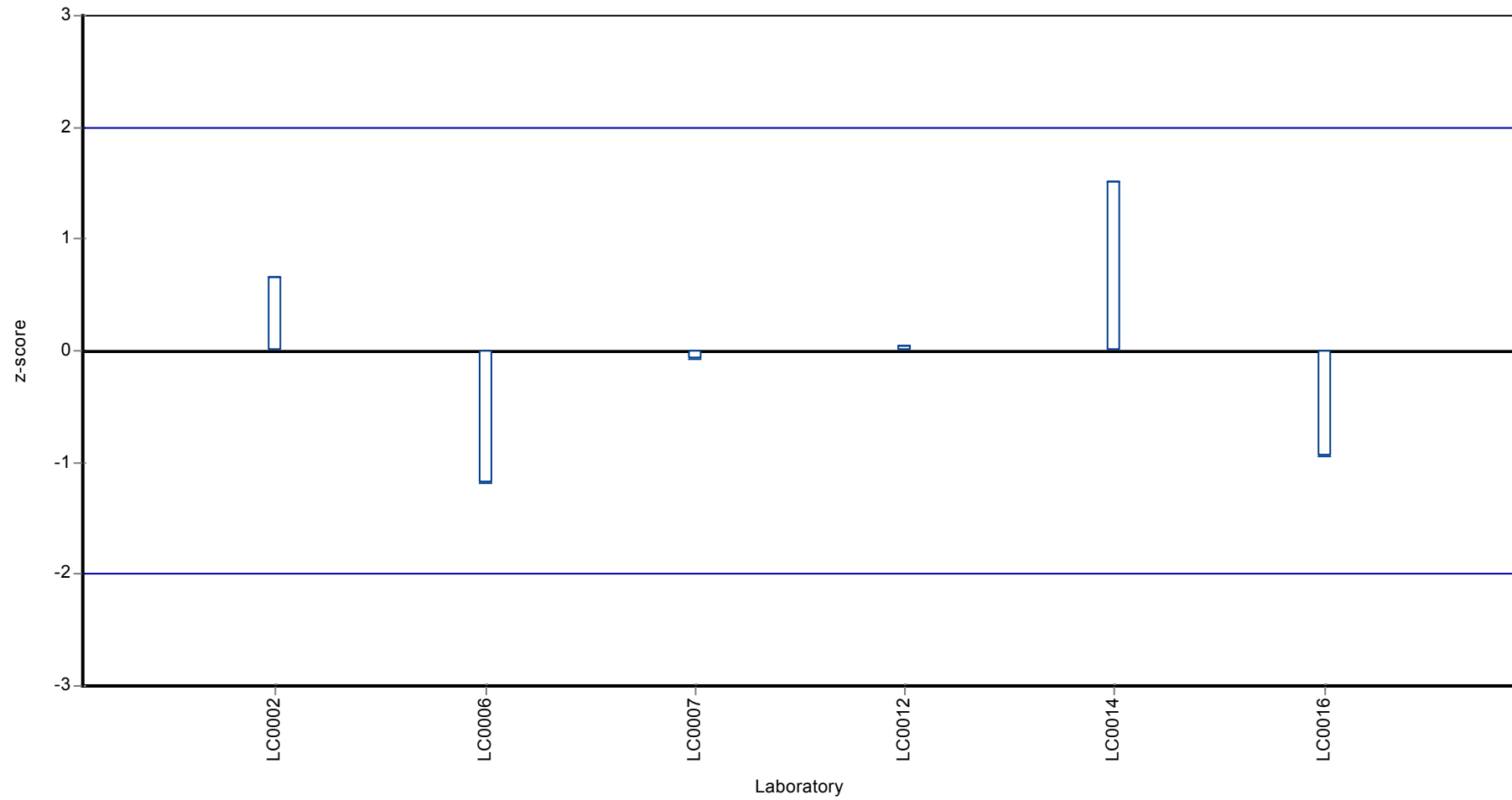
Results



Recovery rate



Z-score



Parameter oriented report

H102 B

Acetamidiprid

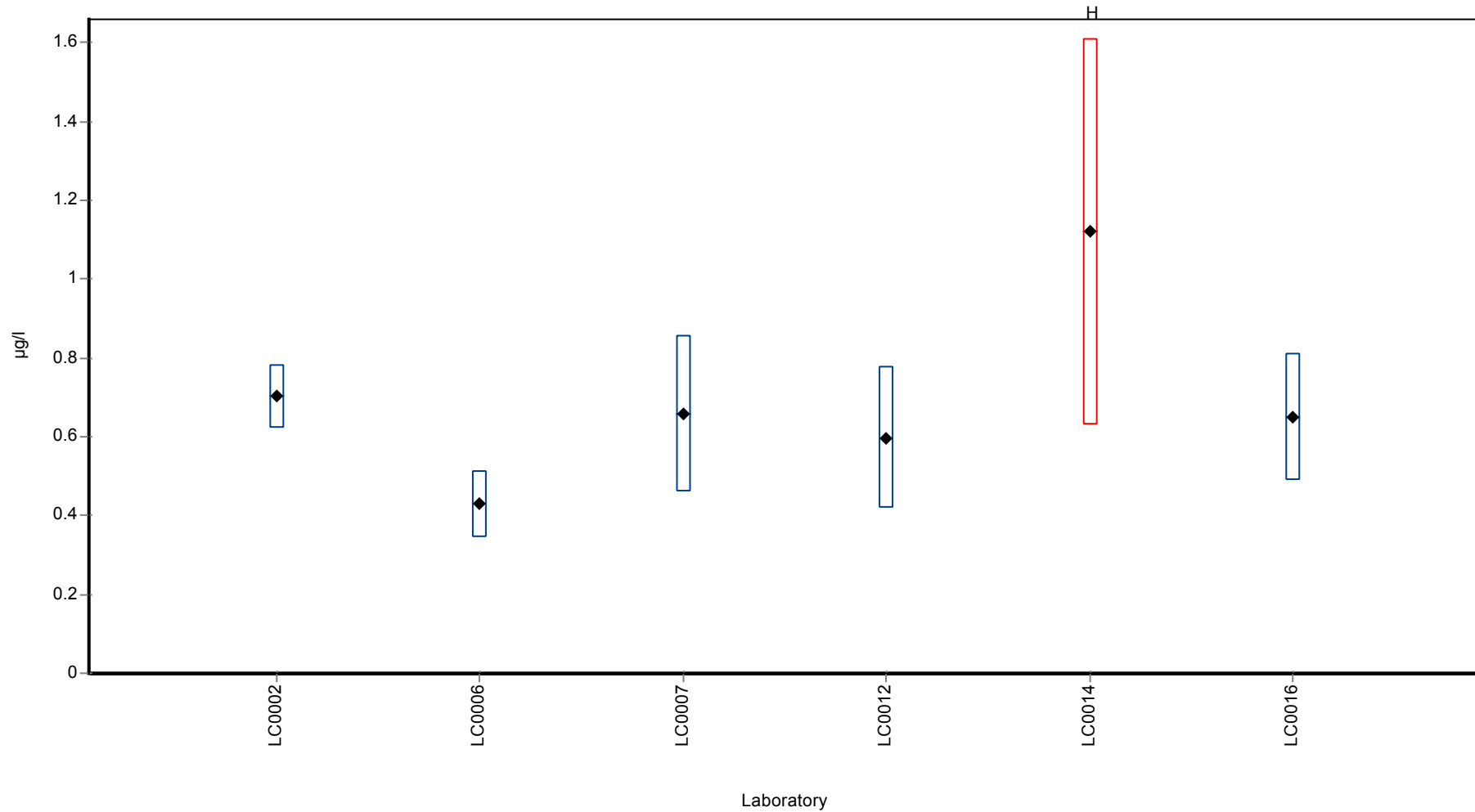
Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.429 - 0.702
Control test value ± U	0.717 ± 0.108

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.702	0.082	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	0.429	0.086	-	-	
LC0007	0.658	0.1974	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.5973	0.1792	-	-	
LC0013	-	-	-	-	
LC0014	1.12	0.49	-	-	H
LC0015	-	-	-	-	
LC0016	0.65	0.1625	-	-	
LC0017	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.693 ± 0.282	-	µg/l
Minimum	0.429	0.429	µg/l
Maximum	1.12	0.702	µg/l
Standard deviation	0.23	-	µg/l
rel. Standard deviation	33.2	-	%
n	6	5	-

Graphical presentation of results
Results



Parameter oriented report

H102 A

Aldrin

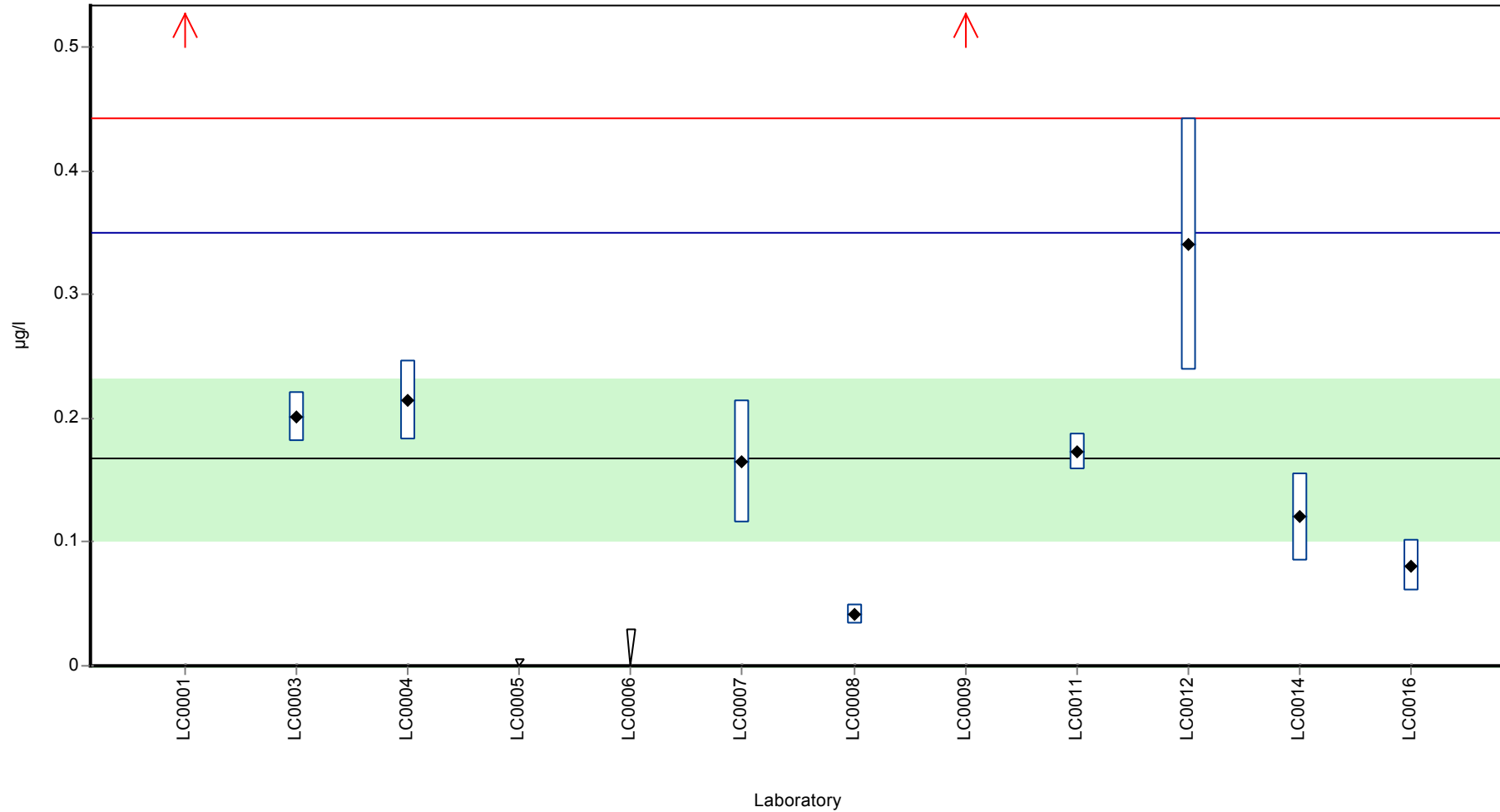
Unit	µg/l
Mean ± CI (99%)	0.167 ± 0.0972
Minimum - Maximum	0.041 - 0.34
Control test value ± U	0.195 ± 0.0584

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	93	9.3	55700	1010	H
LC0002	-	-	-	-	
LC0003	0.201	0.02	120	0.37	
LC0004	0.214	0.032	128	0.51	
LC0005	< 0.005 (LOQ)	-	-	-	
LC0006	< 0.03 (LOQ)	-	-	-	
LC0007	0.165	0.0495	98.9	-0.02	
LC0008	0.041	0.008	24.6	-1.37	
LC0009	0.685	0.02	411	5.65	H
LC0010	-	-	-	-	
LC0011	0.173	0.015	104	0.07	
LC0012	0.3399	0.102	204	1.89	
LC0013	-	-	-	-	
LC0014	0.12	0.036	71.9	-0.51	
LC0015	-	-	-	-	
LC0016	0.081	0.02025	48.5	-0.94	
LC0017	-	-	-	-	

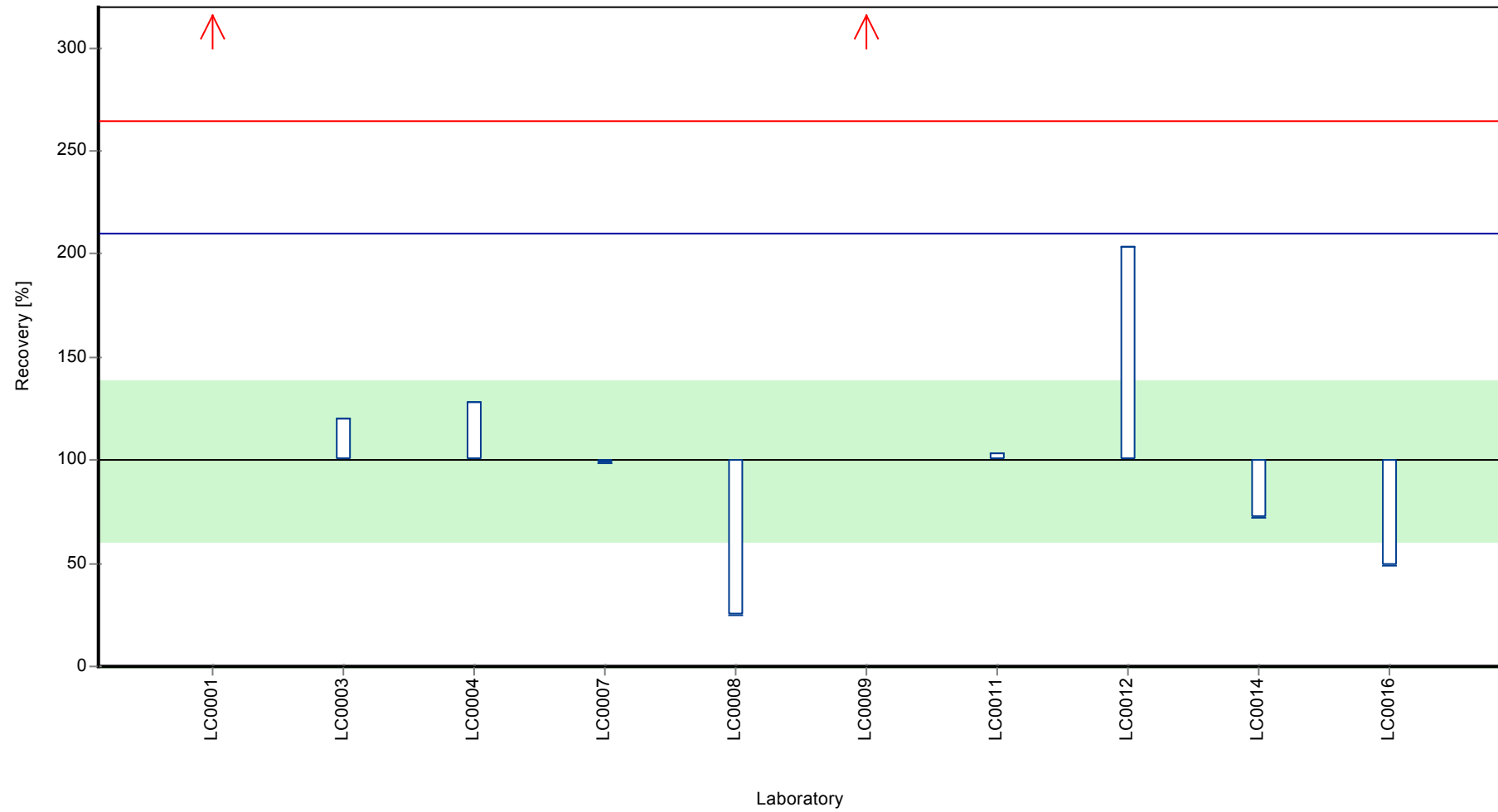
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	9.5 ± 27.8	0.167 ± 0.0972	µg/l
Minimum	0.041	0.041	µg/l
Maximum	93	0.34	µg/l
Standard deviation	29.3	0.0916	µg/l
rel. Standard deviation	309	54.9 %	
n	10	8	-

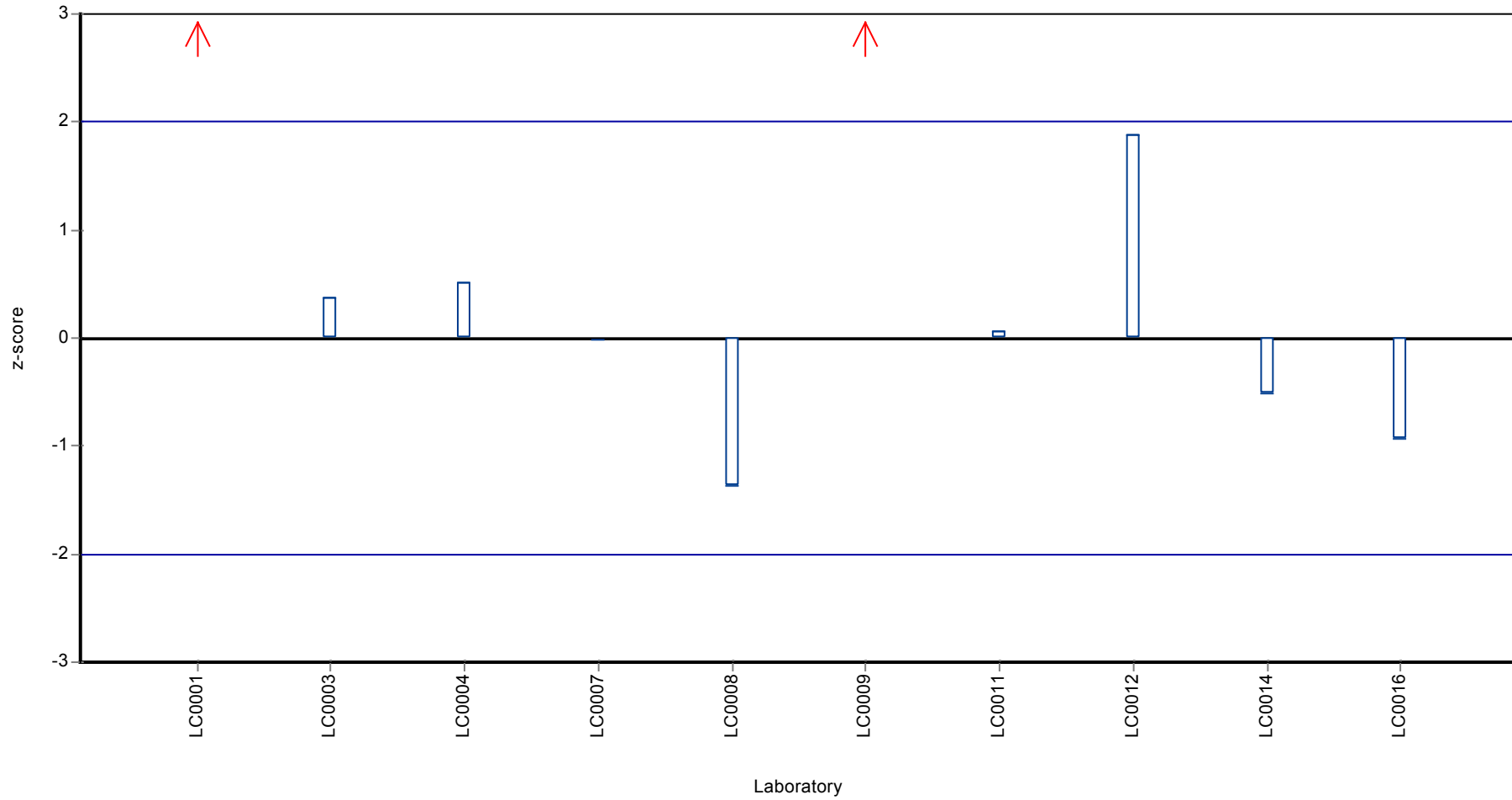
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H102 B

Aldrin

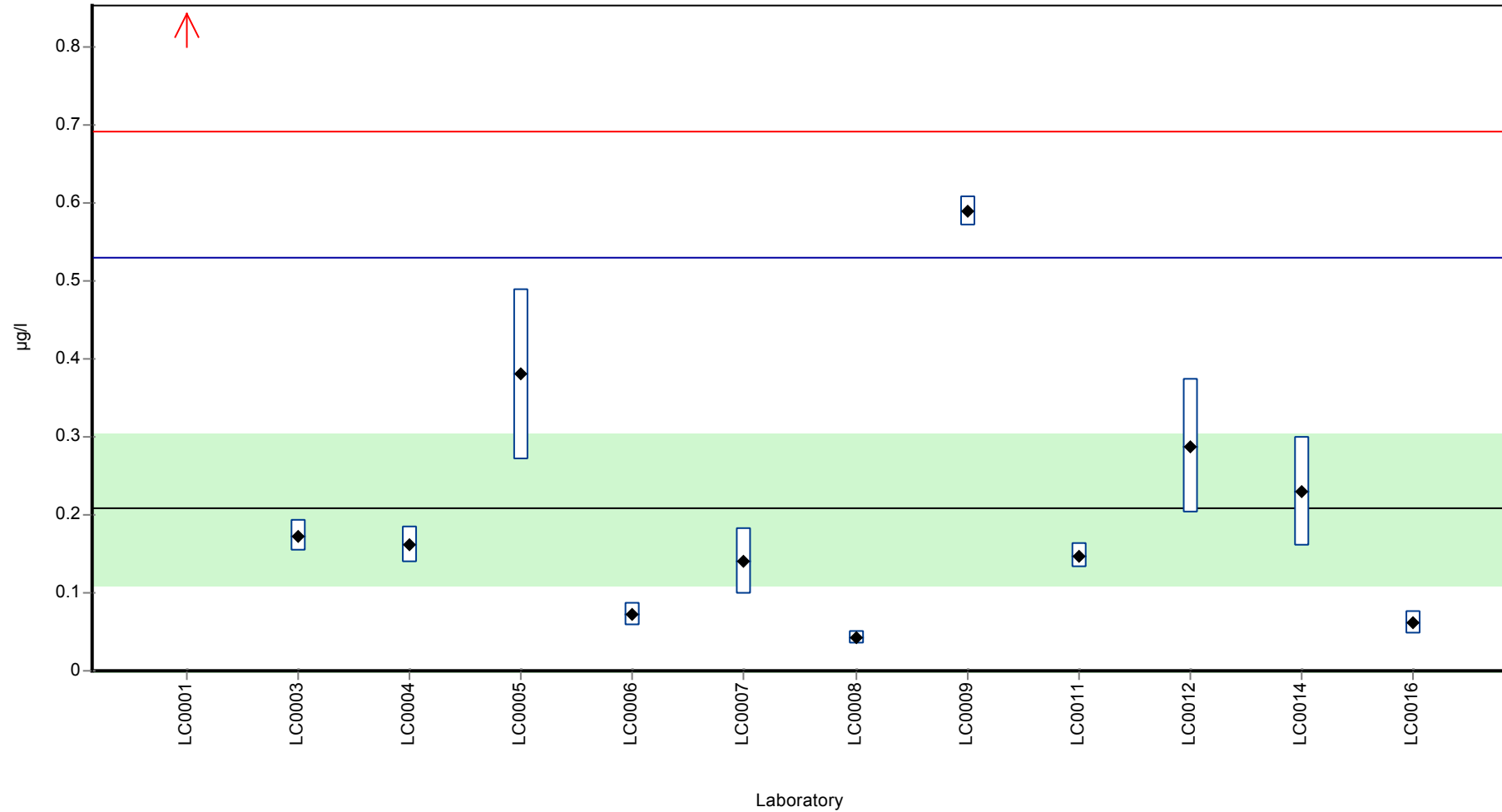
Unit	µg/l
Mean ± CI (99%)	0.208 ± 0.146
Minimum - Maximum	0.043 - 0.589
Control test value ± U	0.167 ± 0.0501

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	64	6.4	30800	396	H
LC0002	-	-	-	-	
LC0003	0.173	0.02	83.2	-0.22	
LC0004	0.162	0.024	77.9	-0.28	
LC0005	0.38	0.11	183	1.07	
LC0006	0.073	0.015	35.1	-0.84	
LC0007	0.141	0.0423	67.8	-0.41	
LC0008	0.043	0.009	20.7	-1.02	
LC0009	0.589	0.02	283	2.36	
LC0010	-	-	-	-	
LC0011	0.147	0.016	70.7	-0.38	
LC0012	0.2872	0.0862	138	0.49	
LC0013	-	-	-	-	
LC0014	0.23	0.07	111	0.14	
LC0015	-	-	-	-	
LC0016	0.062	0.0155	29.8	-0.91	
LC0017	-	-	-	-	

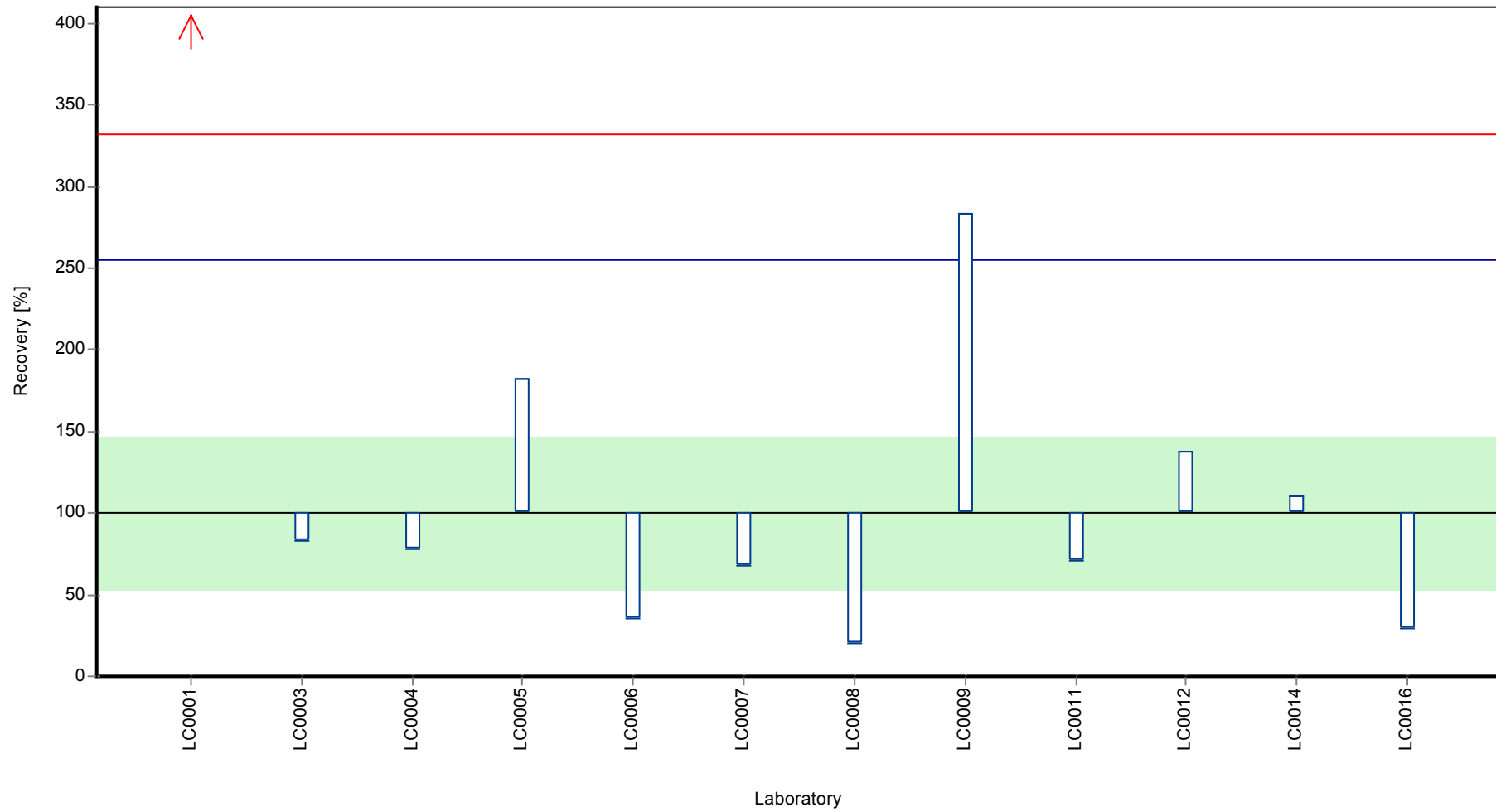
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	5.52 ± 15.9	0.208 ± 0.146	µg/l
Minimum	0.043	0.043	µg/l
Maximum	64	0.589	µg/l
Standard deviation	18.4	0.161	µg/l
rel. Standard deviation	333	77.5 %	
n	12	11	-

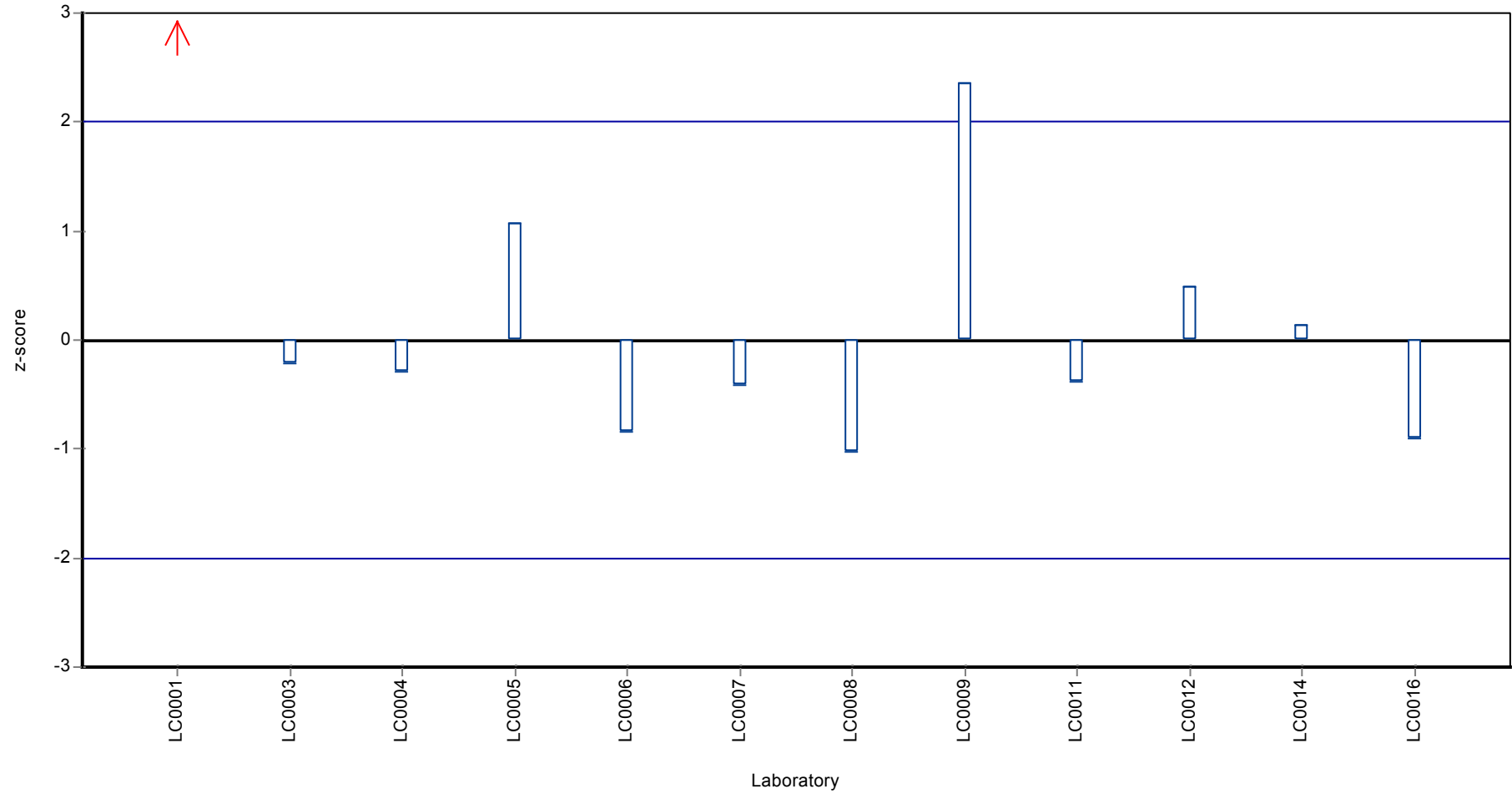
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H102 A

Atrazine

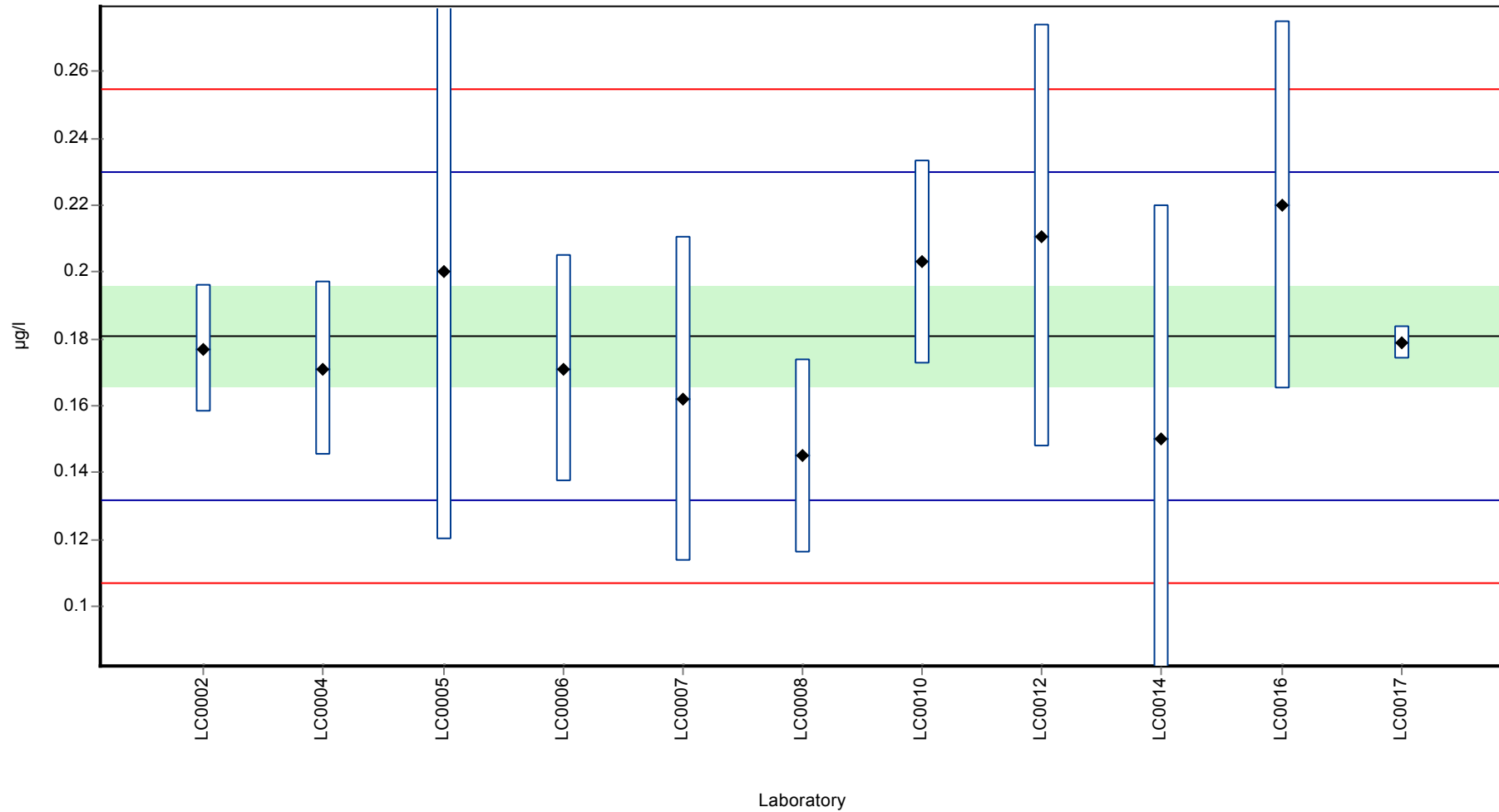
Unit	µg/l
Mean ± CI (99%)	0.181 ± 0.0223
Minimum - Maximum	0.145 - 0.22
Control test value ± U	0.178 ± 0.0266

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.177	0.019	97.9	-0.15	
LC0003	-	-	-	-	
LC0004	0.171	0.026	94.6	-0.4	
LC0005	0.2	0.08	111	0.78	
LC0006	0.171	0.034	94.6	-0.4	
LC0007	0.162	0.0486	89.6	-0.76	
LC0008	0.145	0.029	80.2	-1.45	
LC0009	-	-	-	-	
LC0010	0.203	0.03045	112	0.9	
LC0011	-	-	-	-	
LC0012	0.2107	0.0632	117	1.21	
LC0013	-	-	-	-	
LC0014	0.15	0.07	83	-1.25	
LC0015	-	-	-	-	
LC0016	0.22	0.055	122	1.59	
LC0017	0.179	0.005	99	-0.07	

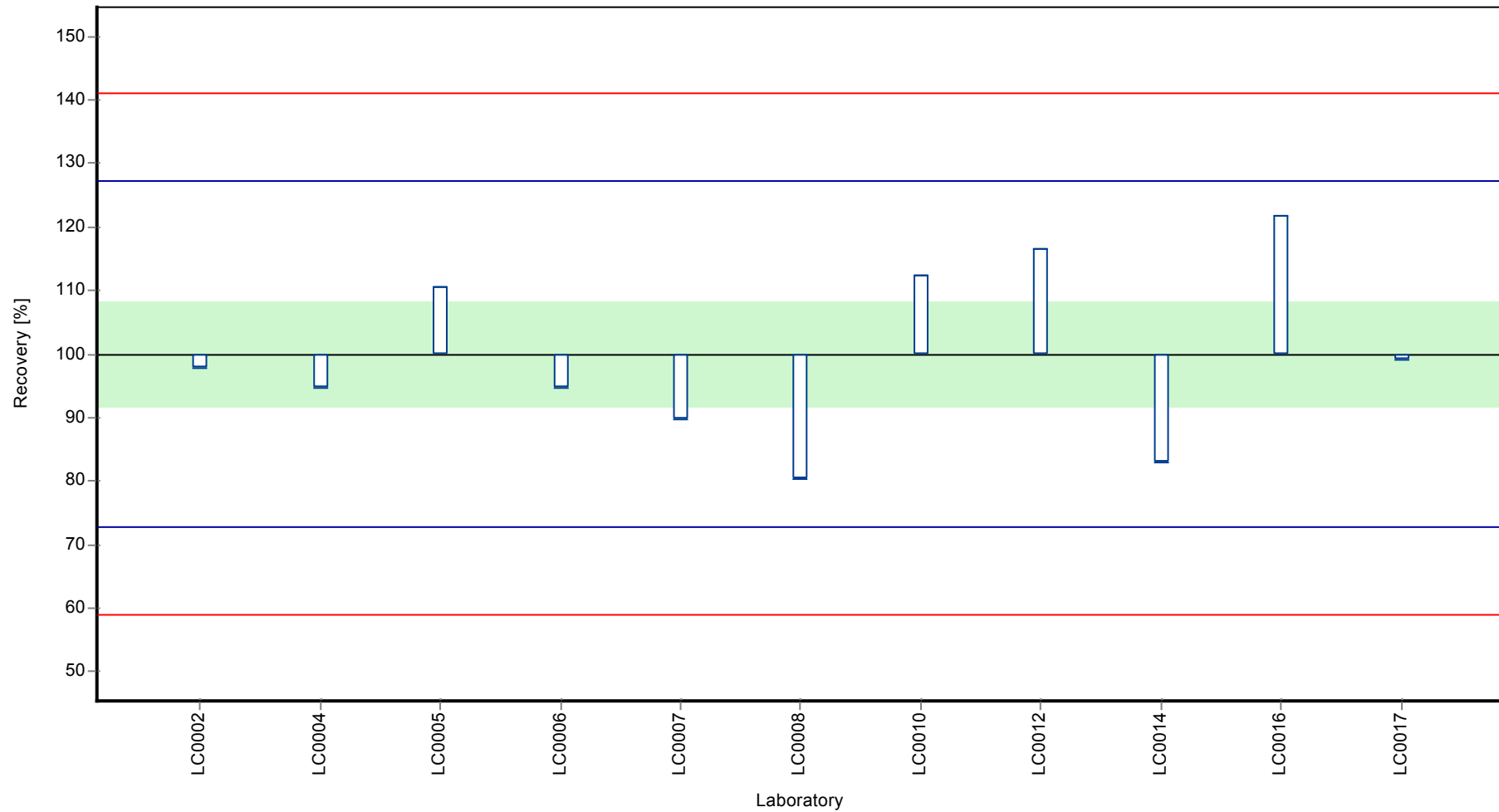
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.181 ± 0.0223	0.181 ± 0.0223	µg/l
Minimum	0.145	0.145	µg/l
Maximum	0.22	0.22	µg/l
Standard deviation	0.0247	0.0247	µg/l
rel. Standard deviation	13.6	13.6	%
n	11	11	-

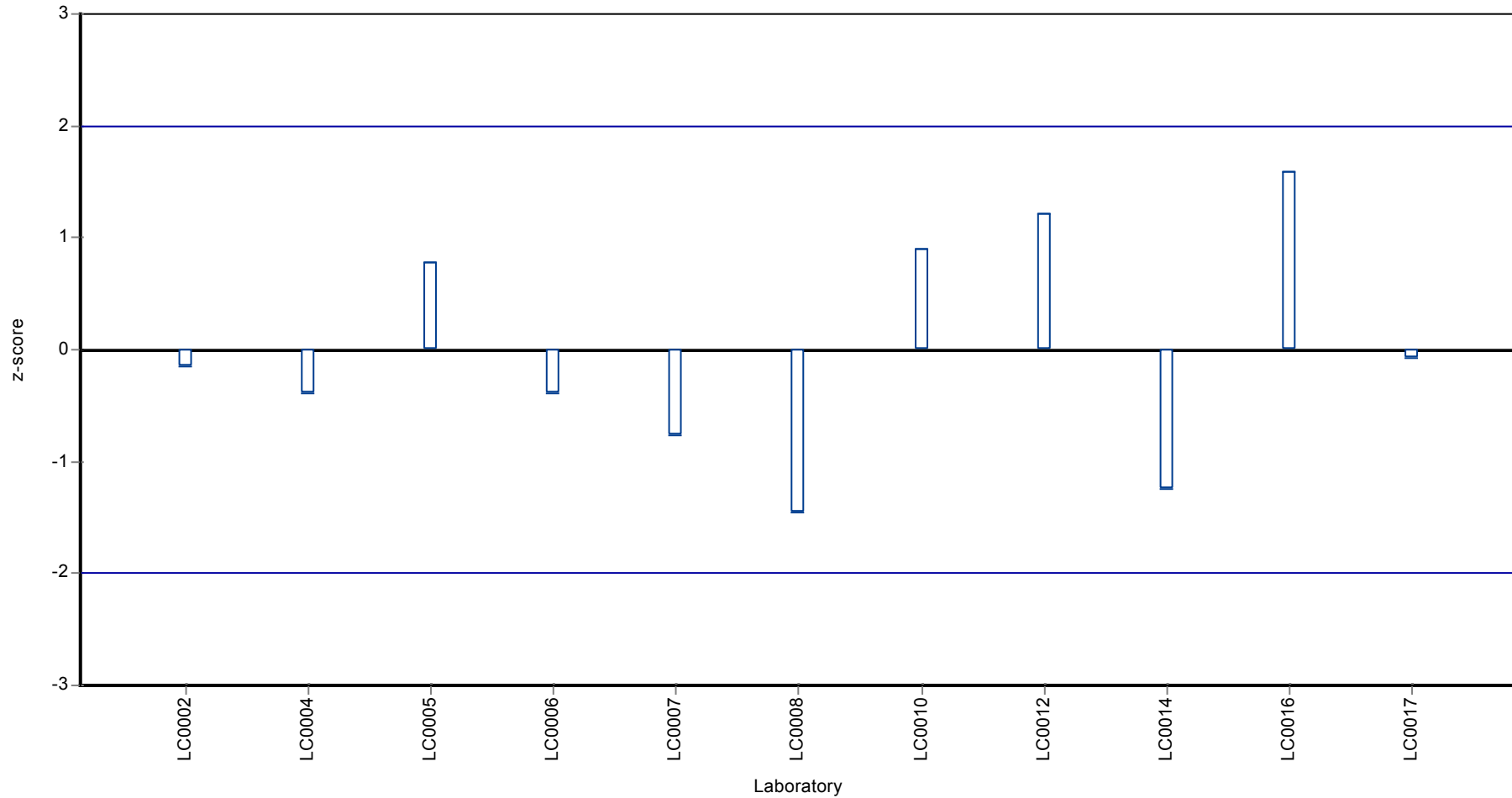
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H102 B

Atrazine

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

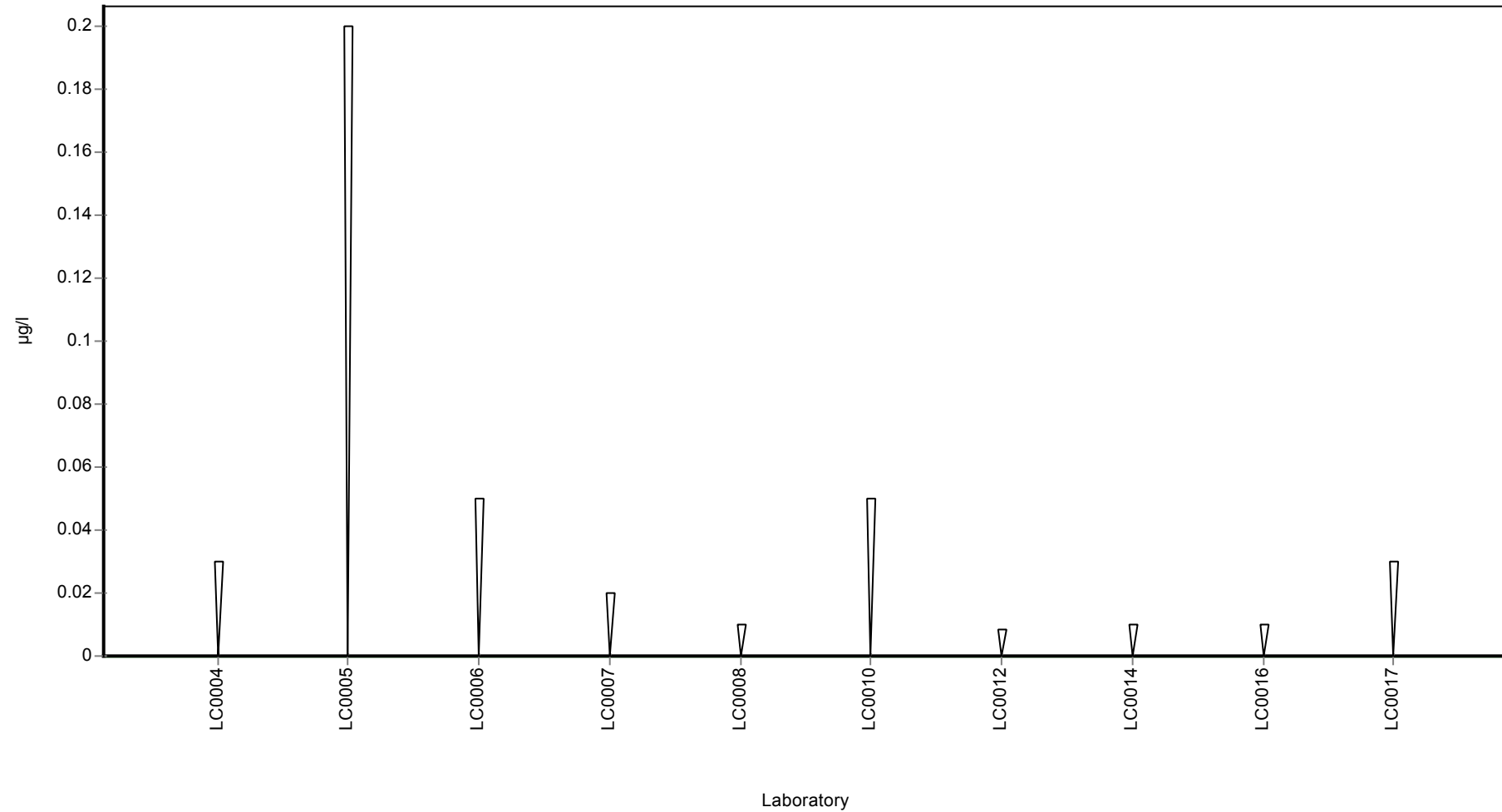
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	< 0.03 (LOQ)	-	-	-	
LC0005	< 0.2 (LOQ)	-	-	-	
LC0006	< 0.05 (LOQ)	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.01 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	< 0.05 (LOQ)	-	-	-	
LC0011	-	-	-	-	
LC0012	< 0.0085 (LOQ)	-	-	-	
LC0013	-	-	-	-	
LC0014	< 0.01 (LOQ)	-	-	-	
LC0015	-	-	-	-	
LC0016	< 0.01 (LOQ)	-	-	-	
LC0017	< 0.03 (LOQ)	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results

Results



Parameter oriented report

H102 A

Atrazine-desethyl

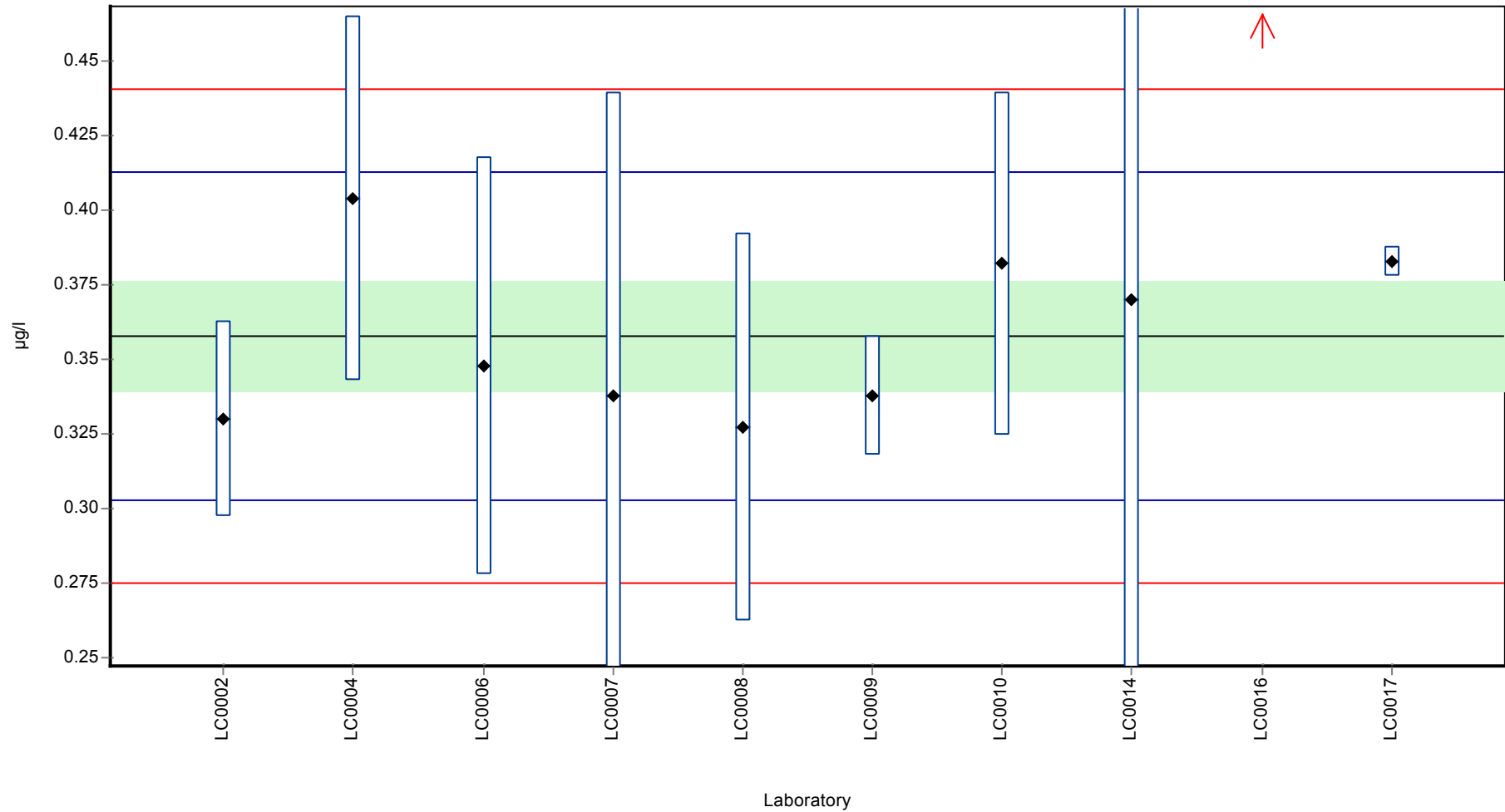
Unit	µg/l
Mean ± CI (99%)	0.358 ± 0.0276
Minimum - Maximum	0.327 - 0.404
Control test value ± U	0.382 ± 0.0573

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.33	0.033	92.2	-1.01	
LC0003	-	-	-	-	
LC0004	0.404	0.061	113	1.67	
LC0005	-	-	-	-	
LC0006	0.348	0.07	97.3	-0.35	
LC0007	0.338	0.1014	94.5	-0.72	
LC0008	0.327	0.065	91.4	-1.11	
LC0009	0.338	0.02	94.5	-0.72	
LC0010	0.382	0.0573	107	0.88	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	0.37	0.16	103	0.44	
LC0015	-	-	-	-	
LC0016	0.52	0.13	145	5.87	H
LC0017	0.383	0.005	107	0.91	

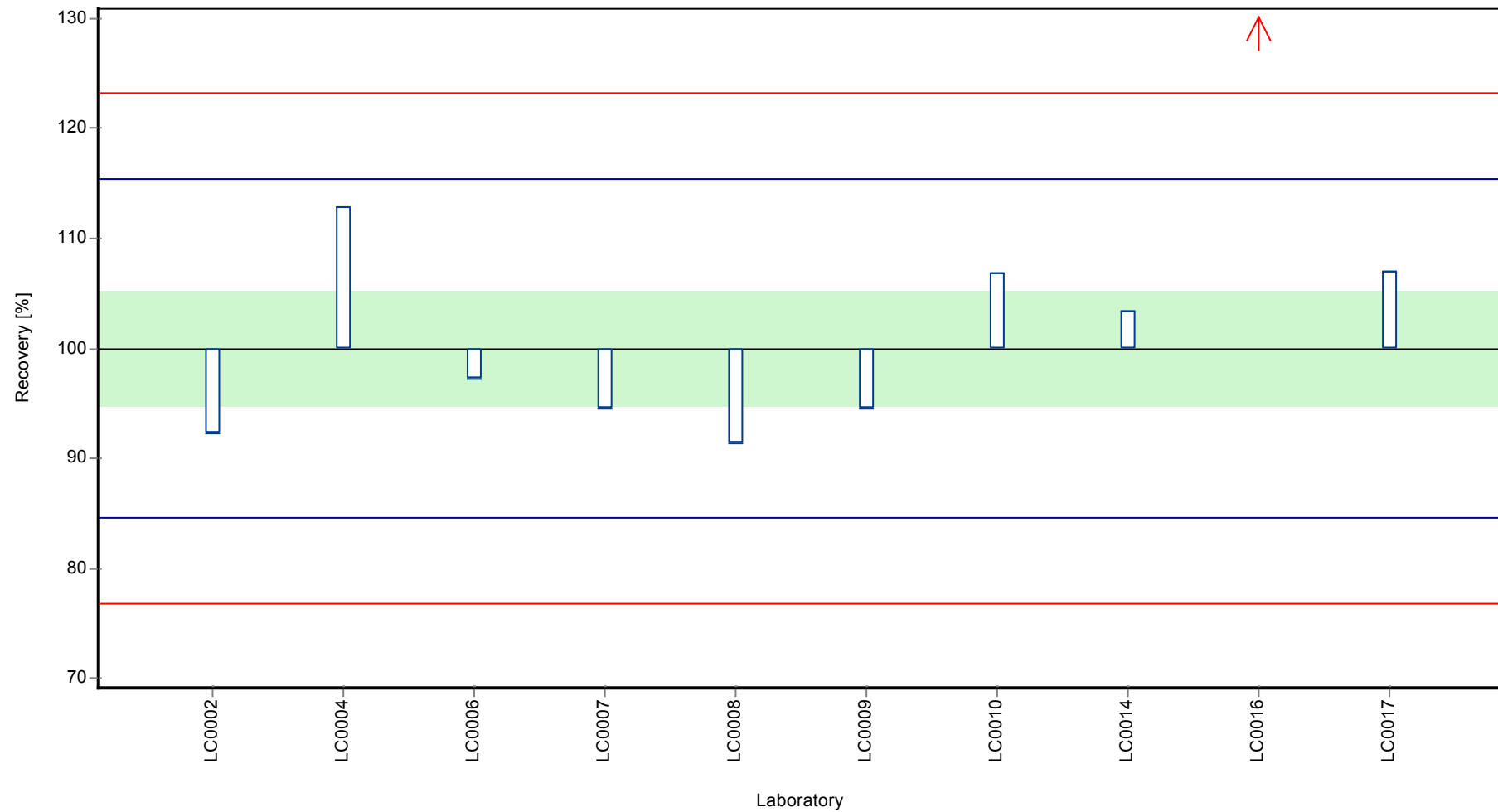
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.374 ± 0.0546	0.358 ± 0.0276	µg/l
Minimum	0.327	0.327	µg/l
Maximum	0.52	0.404	µg/l
Standard deviation	0.0575	0.0276	µg/l
rel. Standard deviation	15.4	7.72	%
n	10	9	-

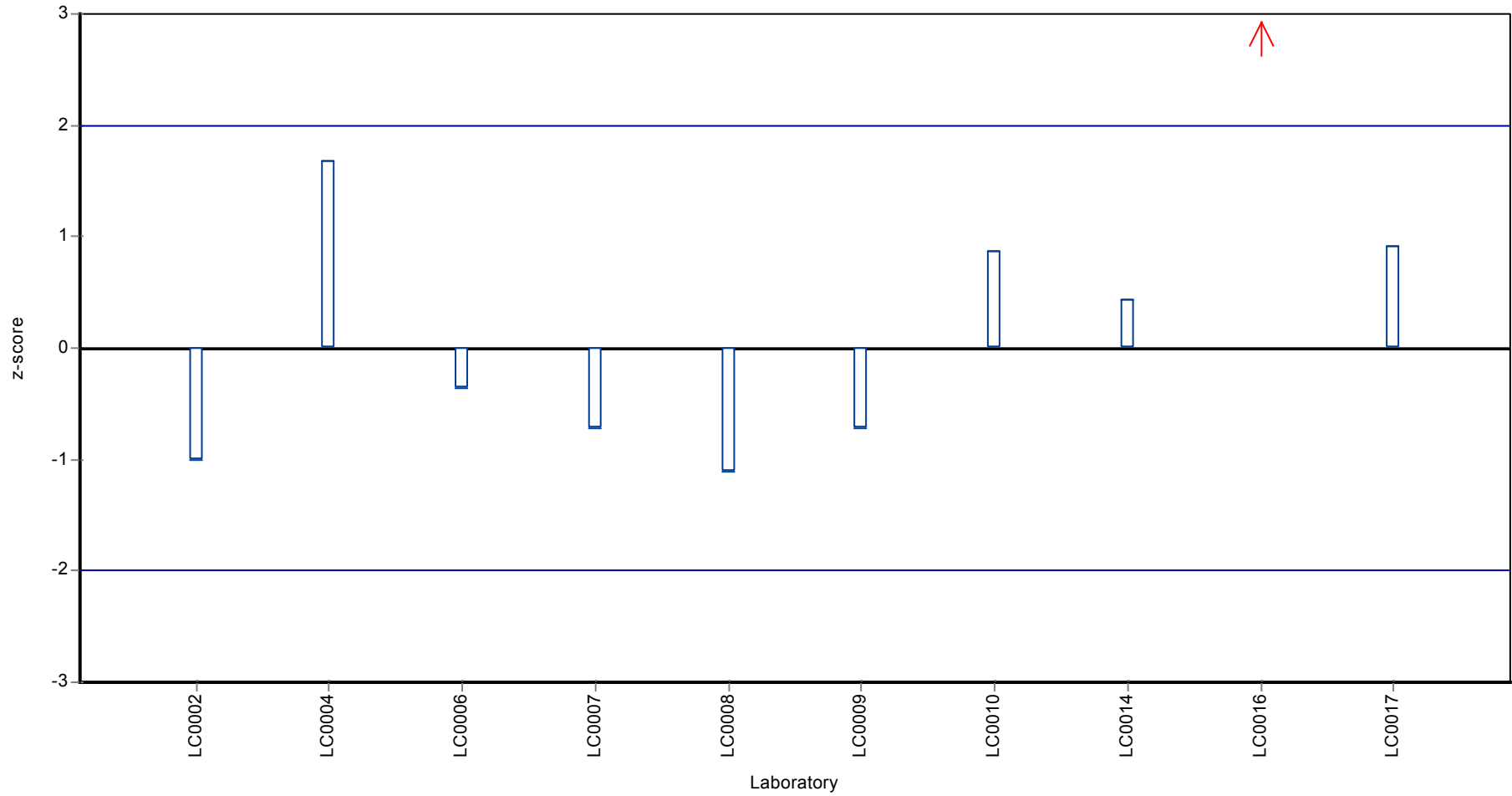
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H102 B

Atrazine-desethyl

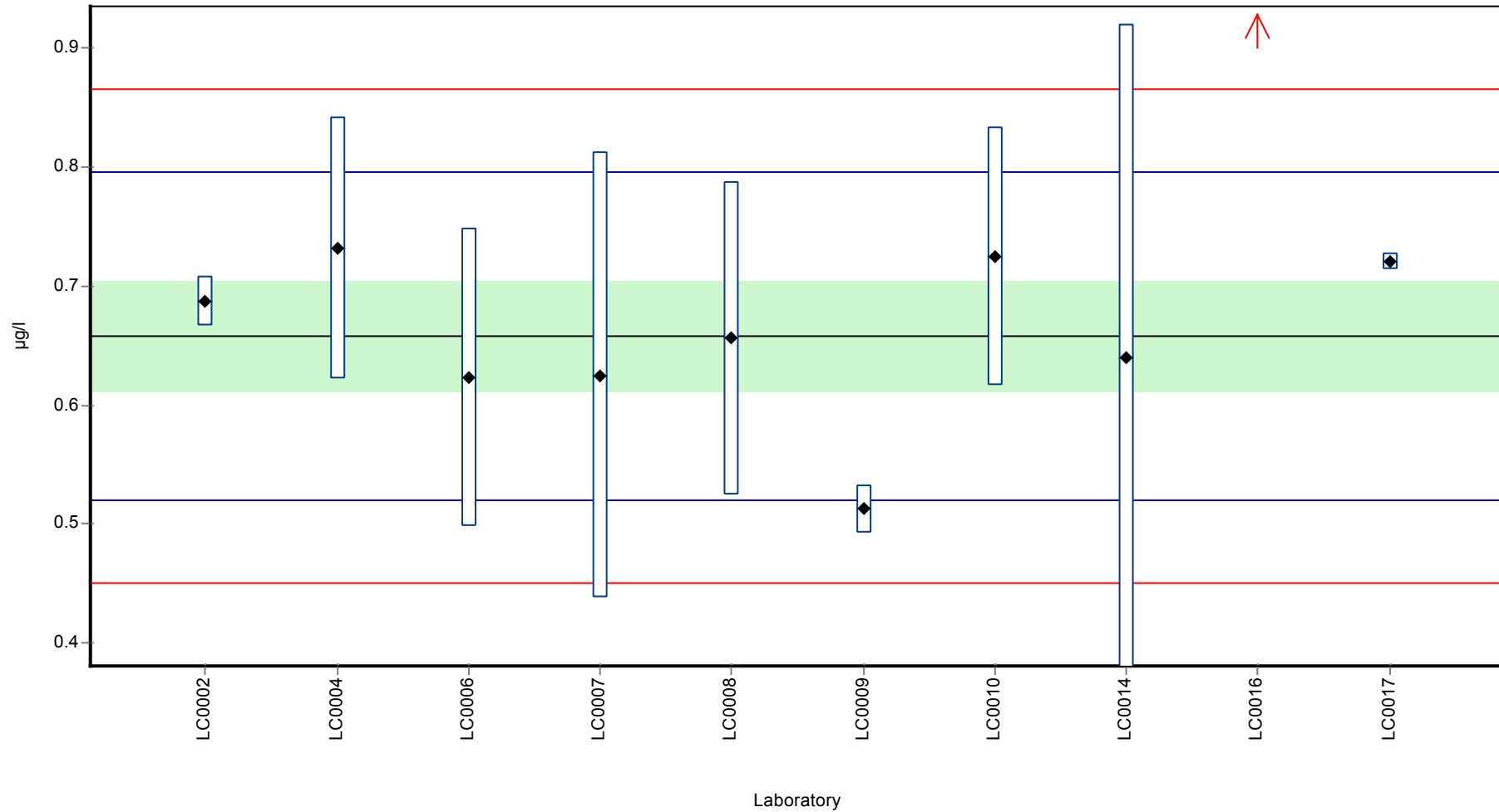
Unit	µg/l
Mean ± CI (99%)	0.658 ± 0.0692
Minimum - Maximum	0.513 - 0.732
Control test value ± U	0.718 ± 0.108

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.687	0.021	104	0.42	
LC0003	-	-	-	-	
LC0004	0.732	0.11	111	1.07	
LC0005	-	-	-	-	
LC0006	0.623	0.125	94.7	-0.5	
LC0007	0.625	0.1875	95	-0.47	
LC0008	0.656	0.131	99.7	-0.03	
LC0009	0.513	0.02	78	-2.09	
LC0010	0.725	0.10875	110	0.97	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	0.64	0.28	97.3	-0.26	
LC0015	-	-	-	-	
LC0016	1.07	0.2675	163	5.95	H
LC0017	0.72	0.007	109	0.9	

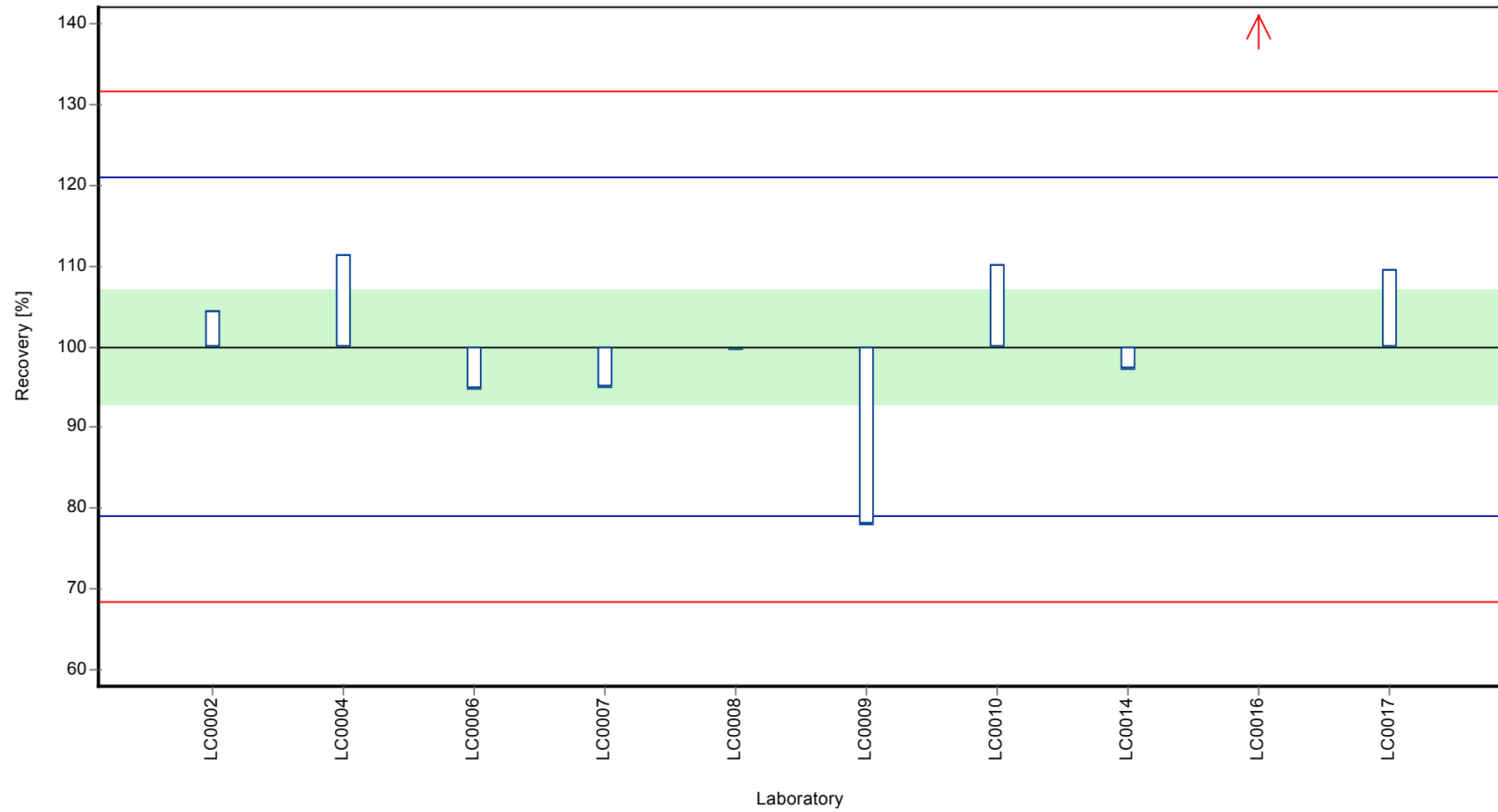
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.699 ± 0.138	0.658 ± 0.0692	µg/l
Minimum	0.513	0.513	µg/l
Maximum	1.07	0.732	µg/l
Standard deviation	0.146	0.0692	µg/l
rel. Standard deviation	20.8	10.5 %	
n	10	9	-

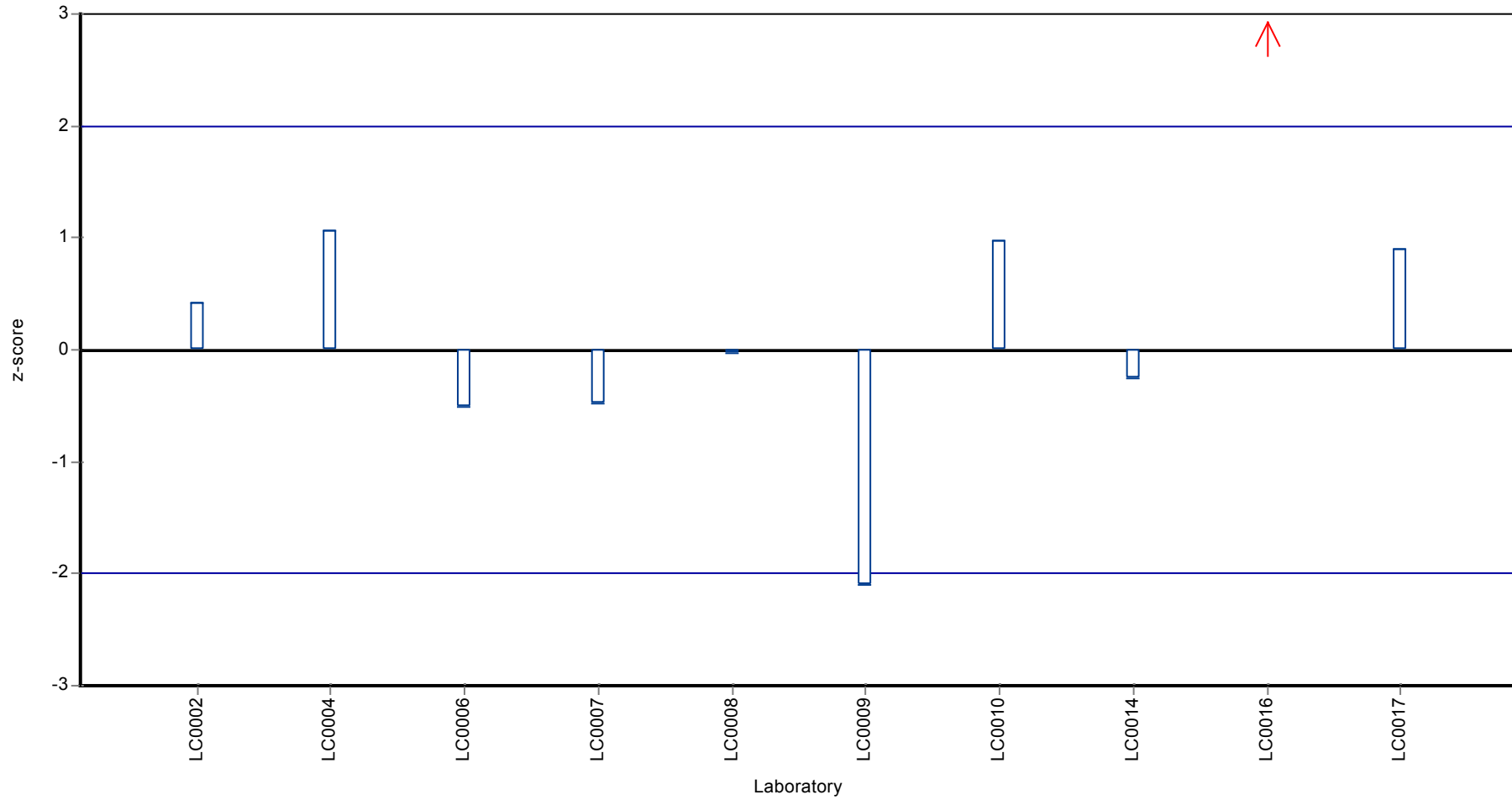
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H102 A

Atrazine-desisopropyl

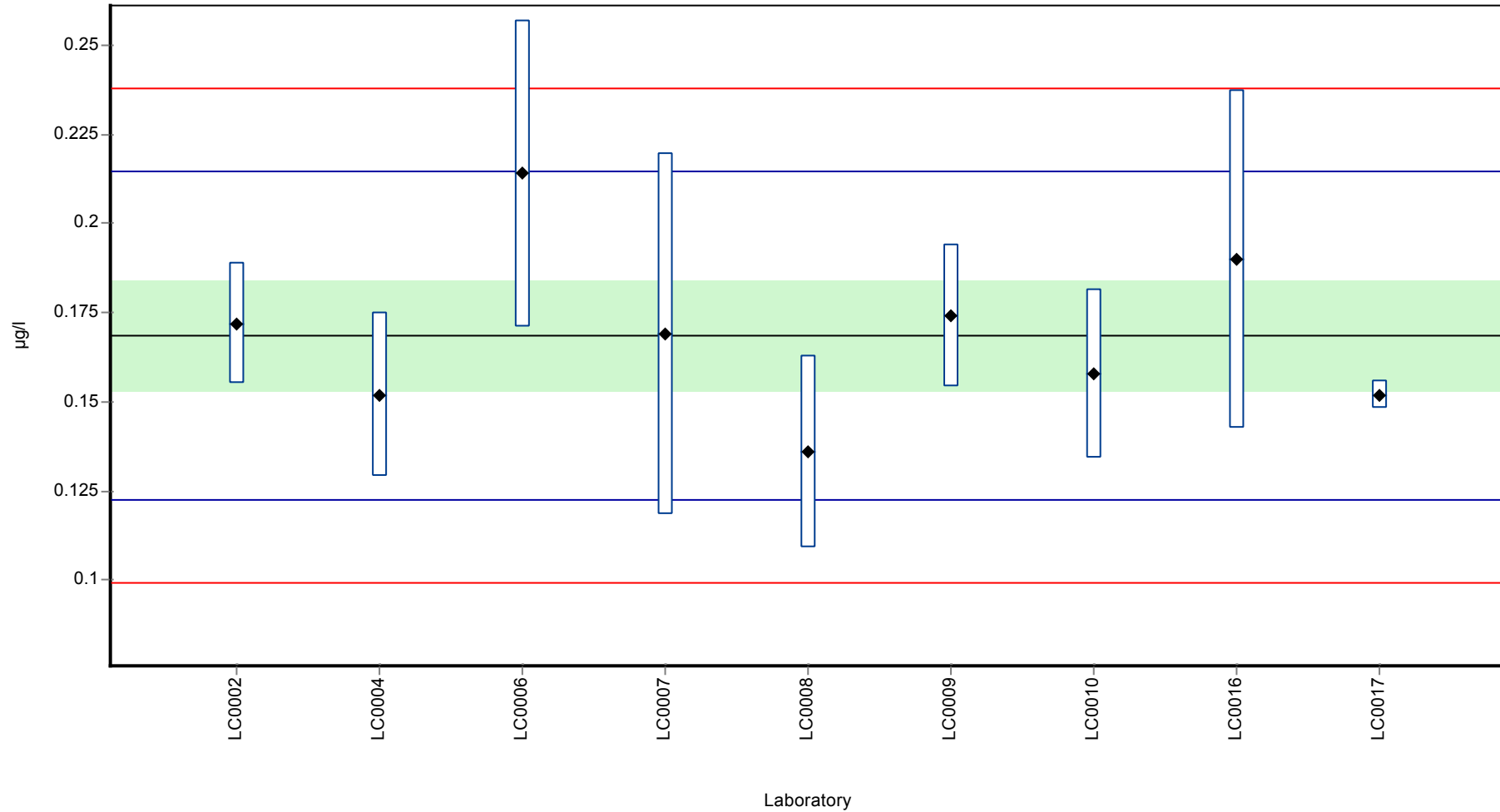
Unit	µg/l
Mean ± CI (99%)	0.169 ± 0.0231
Minimum - Maximum	0.136 - 0.214
Control test value ± U	0.162 ± 0.0242

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.172	0.017	102	0.15	
LC0003	-	-	-	-	
LC0004	0.152	0.023	90.2	-0.71	
LC0005	-	-	-	-	
LC0006	0.214	0.043	127	1.96	
LC0007	0.169	0.0507	100	0.02	
LC0008	0.136	0.027	80.7	-1.41	
LC0009	0.174	0.02	103	0.23	
LC0010	0.158	0.0237	93.7	-0.46	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.19	0.0475	113	0.93	
LC0017	0.152	0.004	90.2	-0.71	

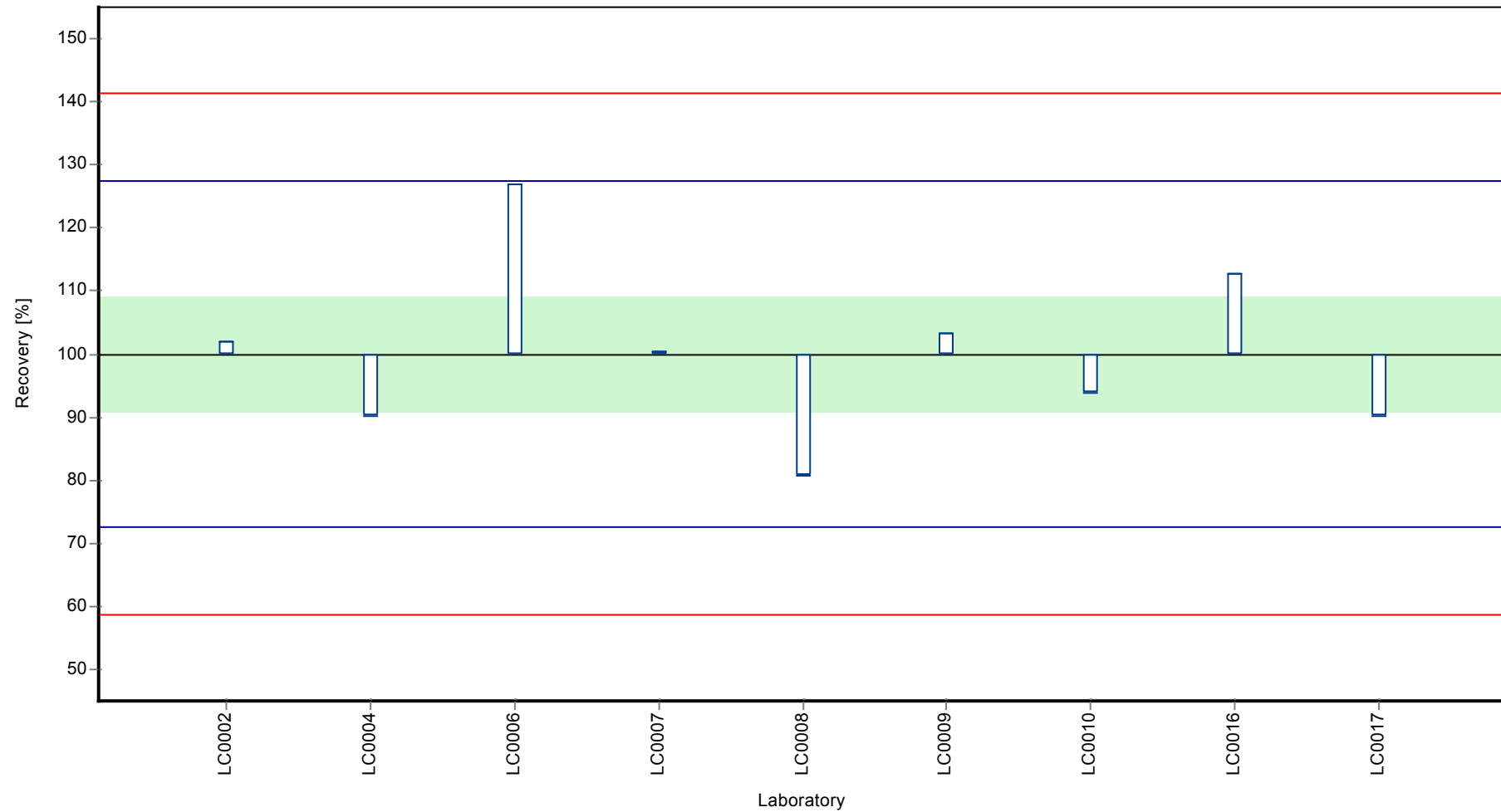
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.169 ± 0.0231	0.169 ± 0.0231	µg/l
Minimum	0.136	0.136	µg/l
Maximum	0.214	0.214	µg/l
Standard deviation	0.0231	0.0231	µg/l
rel. Standard deviation	13.7	13.7	%
n	9	9	-

Graphical presentation of results
Results



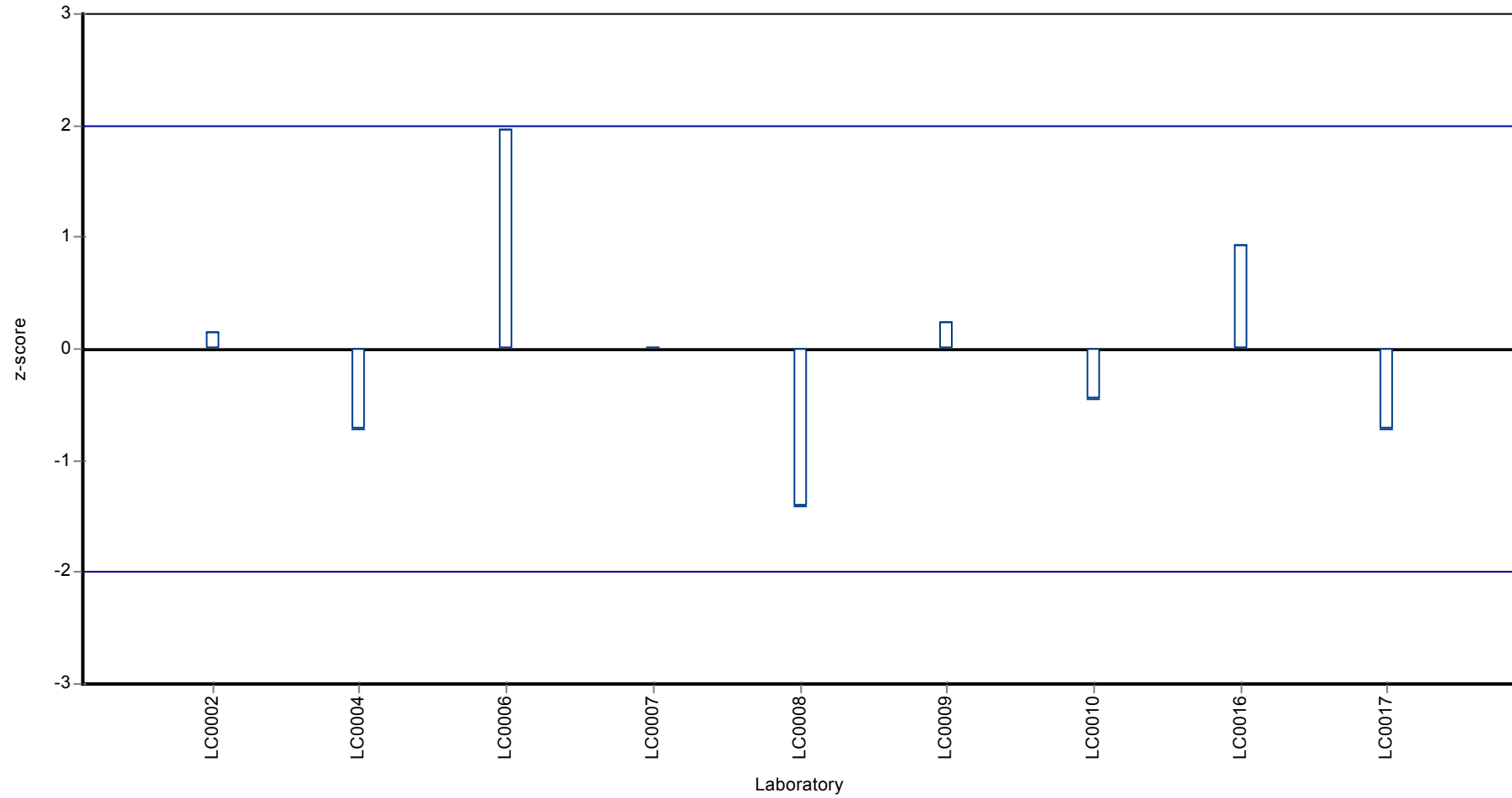
Recovery rate



Parameter oriented report Pesticides H102

Sample: H102A, Parameter: Atrazine-desisopropyl

Z-score



Parameter oriented report

H102 B

Atrazine-desisopropyl

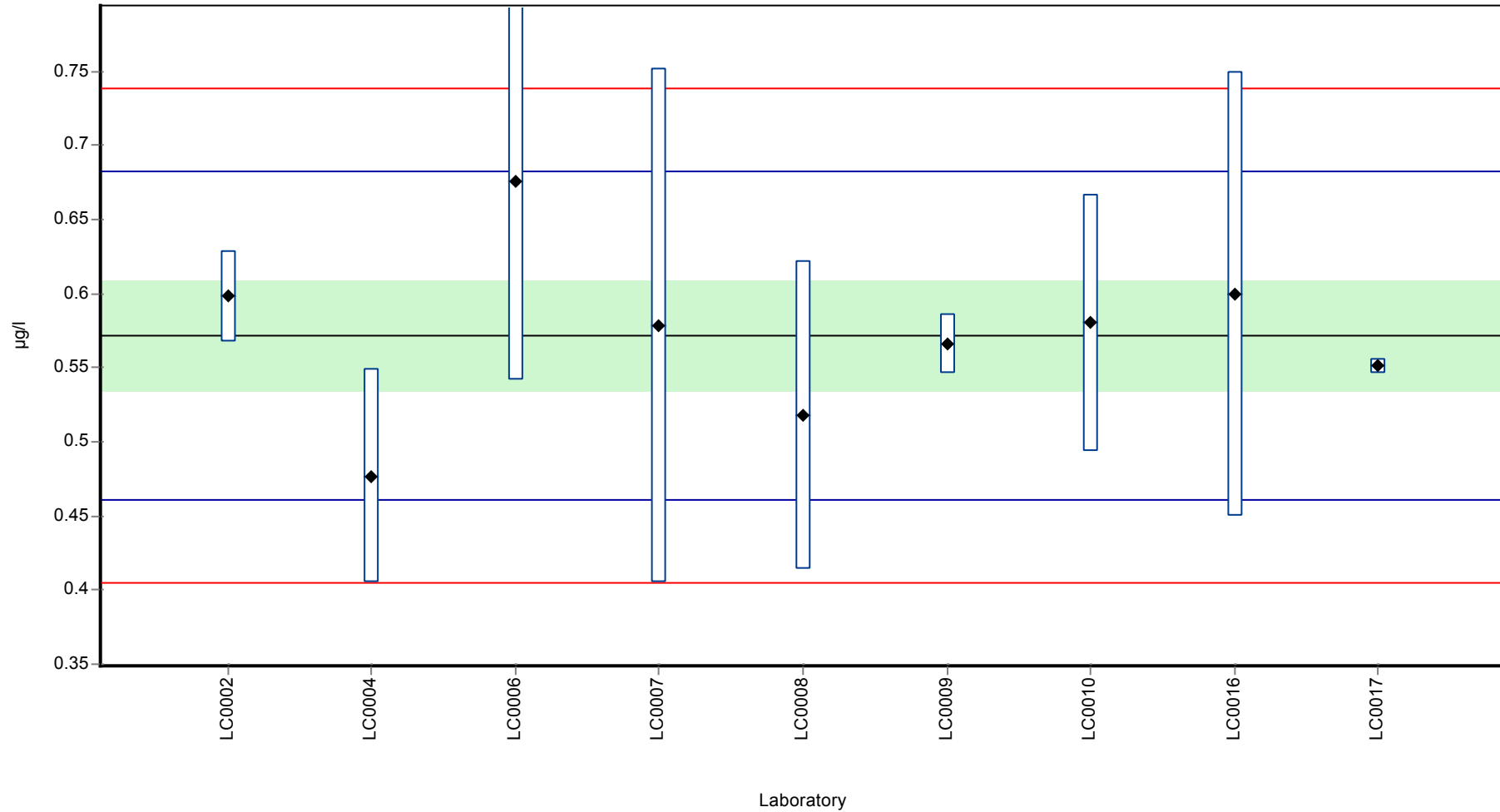
Unit	µg/l
Mean ± CI (99%)	0.572 ± 0.0557
Minimum - Maximum	0.477 - 0.676
Control test value ± U	0.615 ± 0.0922

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.598	0.031	105	0.47	
LC0003	-	-	-	-	
LC0004	0.477	0.072	83.5	-1.7	
LC0005	-	-	-	-	
LC0006	0.676	0.135	118	1.88	
LC0007	0.578	0.1734	101	0.12	
LC0008	0.518	0.104	90.6	-0.96	
LC0009	0.566	0.02	99	-0.1	
LC0010	0.58	0.087	101	0.15	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.6	0.15	105	0.51	
LC0017	0.551	0.005	96.4	-0.37	

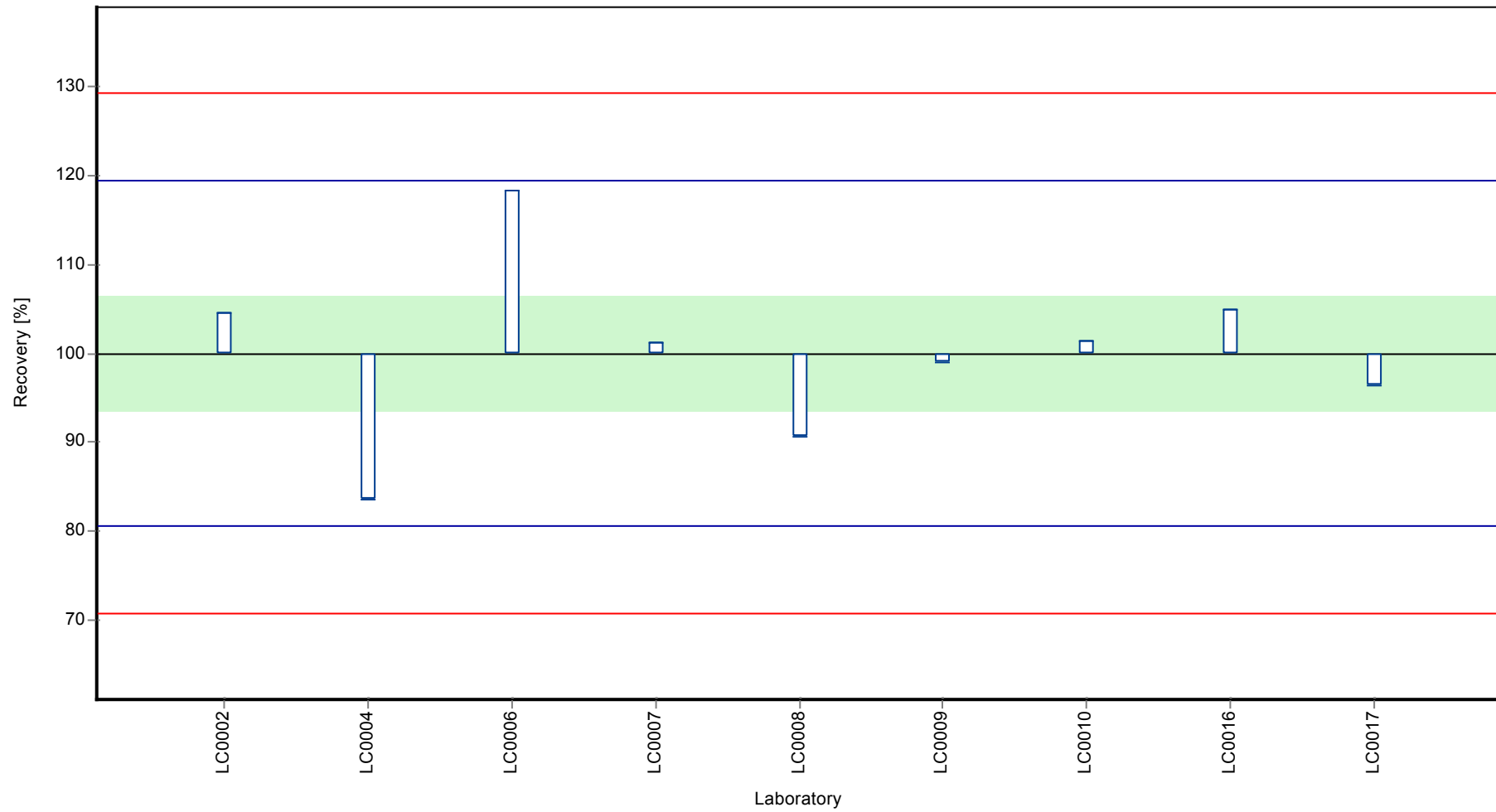
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.572 ± 0.0557	0.572 ± 0.0557	µg/l
Minimum	0.477	0.477	µg/l
Maximum	0.676	0.676	µg/l
Standard deviation	0.0557	0.0557	µg/l
rel. Standard deviation	9.74	9.74	%
n	9	9	-

Graphical presentation of results
Results



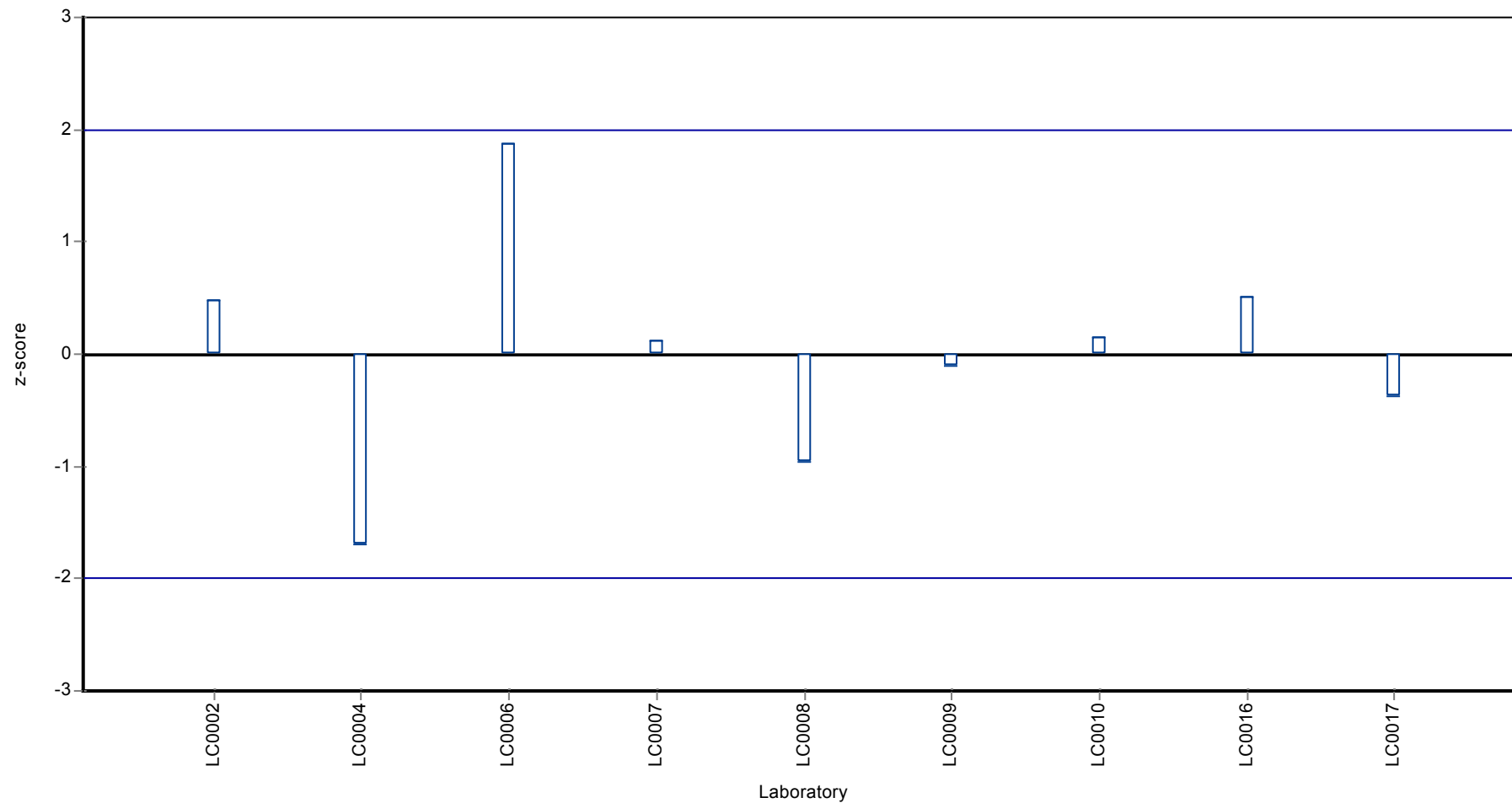
Recovery rate



Parameter oriented report Pesticides H102

Sample: H102B, Parameter: Atrazine-desisopropyl

Z-score



Parameter oriented report

H102 A

Bromacil

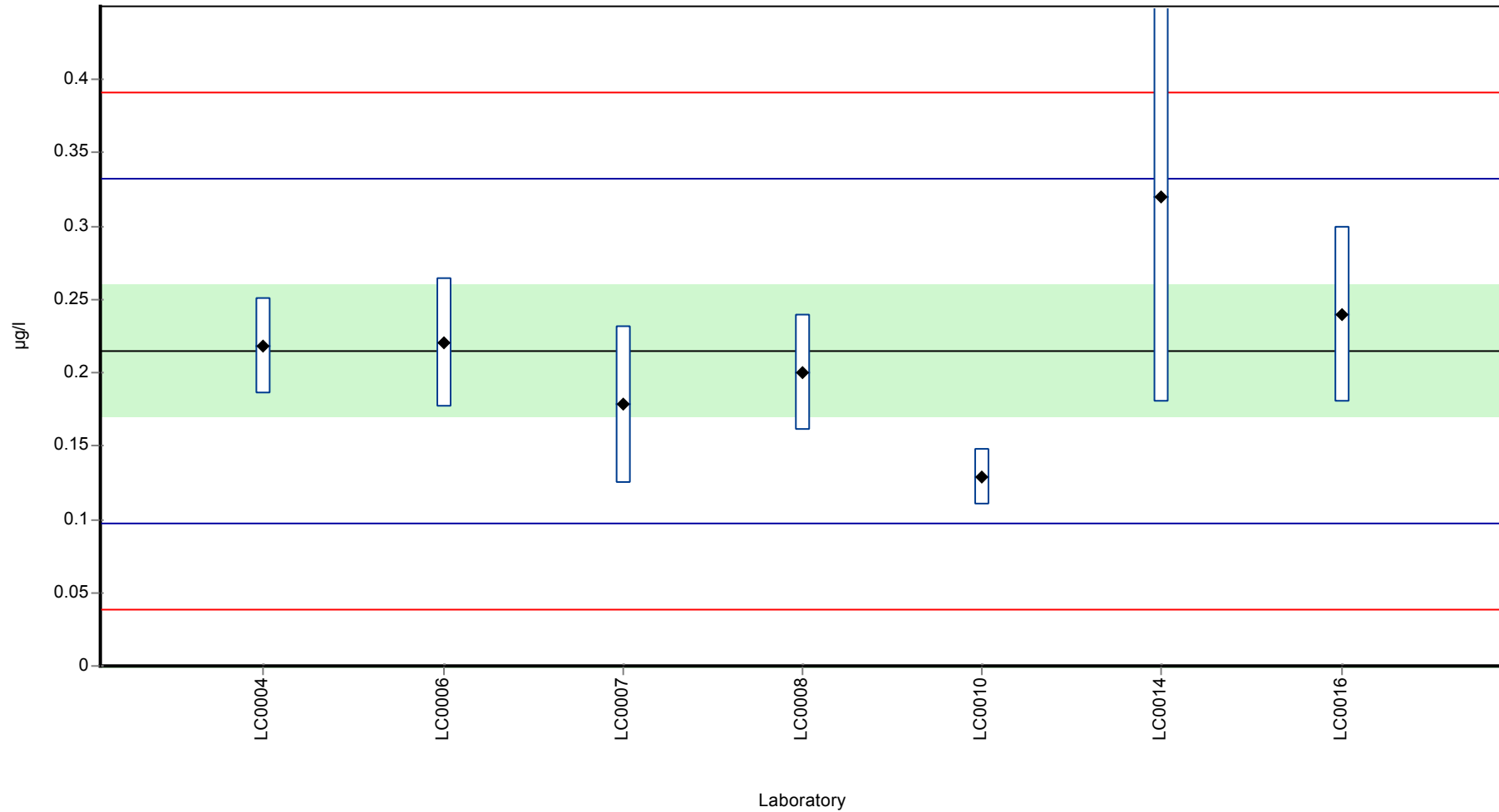
Unit	µg/l
Mean ± CI (99%)	0.215 ± 0.0666
Minimum - Maximum	0.129 - 0.32
Control test value ± U	0.216 ± 0.0324

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.218	0.033	101	0.05	
LC0005	-	-	-	-	
LC0006	0.22	0.044	102	0.09	
LC0007	0.178	0.0534	82.8	-0.63	
LC0008	0.2	0.04	93	-0.26	
LC0009	-	-	-	-	
LC0010	0.129	0.01935	60	-1.47	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	0.32	0.14	149	1.79	
LC0015	-	-	-	-	
LC0016	0.24	0.06	112	0.43	
LC0017	-	-	-	-	

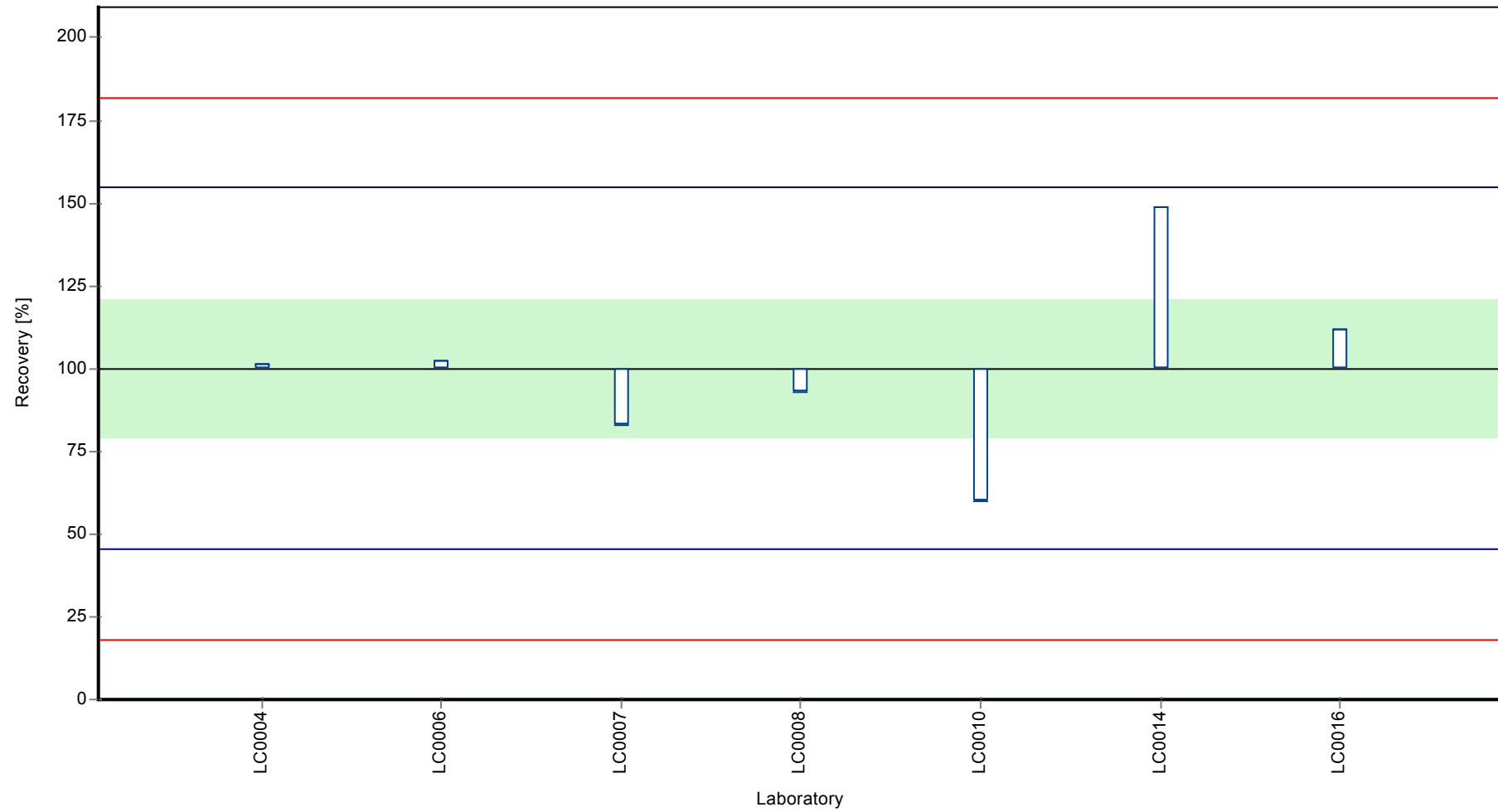
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.215 ± 0.0666	0.215 ± 0.0666	µg/l
Minimum	0.129	0.129	µg/l
Maximum	0.32	0.32	µg/l
Standard deviation	0.0587	0.0587	µg/l
rel. Standard deviation	27.3	27.3	%
n	7	7	-

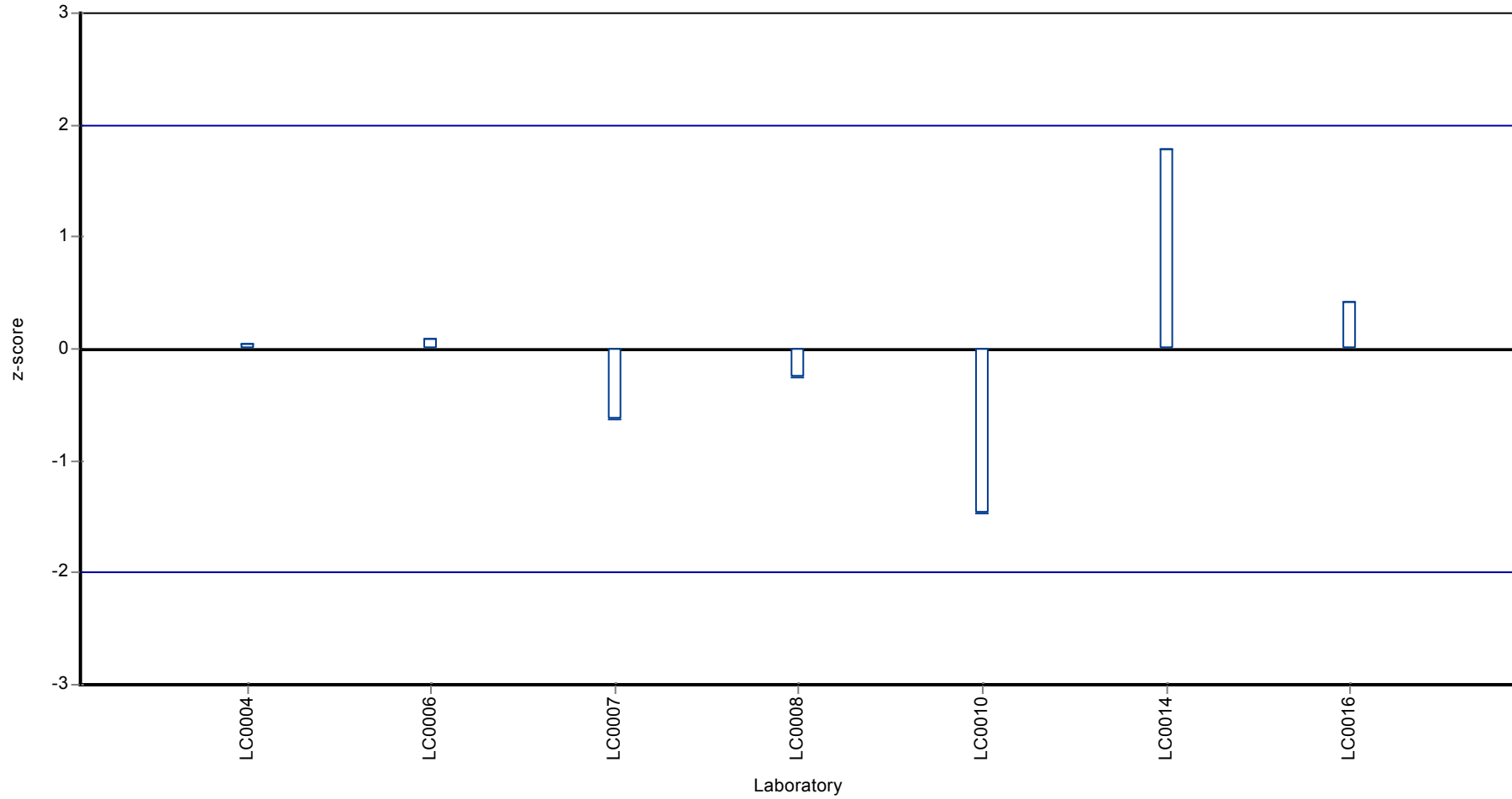
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H102 B

Bromacil

Unit	µg/l
Mean ± CI (99%)	0.201 ± 0.0614
Minimum - Maximum	0.12 - 0.26
Control test value ± U	0.232 ± 0.0347

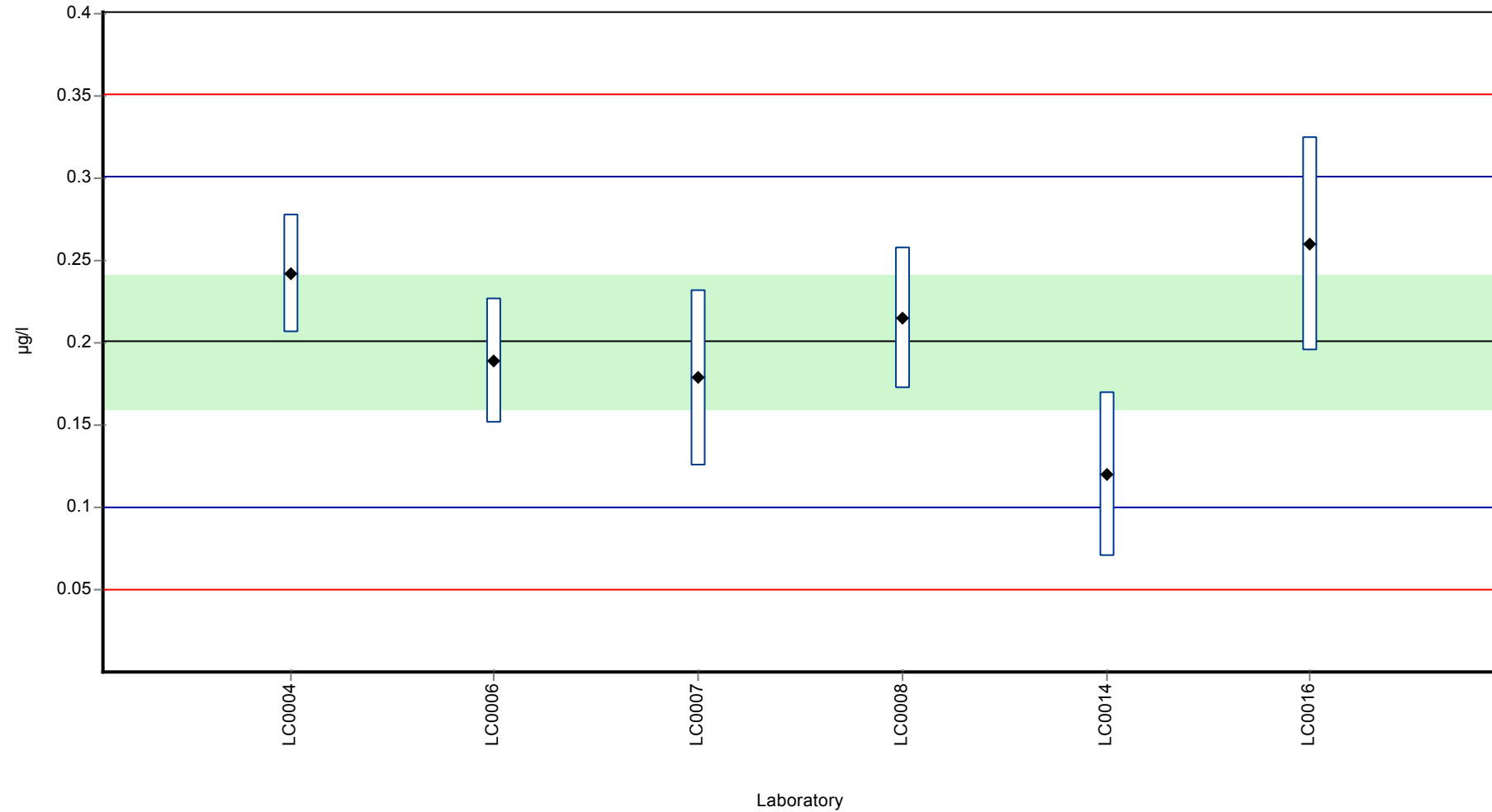
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.242	0.036	120	0.82	
LC0005	-	-	-	-	
LC0006	0.189	0.038	94.1	-0.24	
LC0007	0.179	0.0537	89.1	-0.44	
LC0008	0.215	0.043	107	0.28	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	0.12	0.05	59.8	-1.61	
LC0015	-	-	-	-	
LC0016	0.26	0.065	129	1.18	
LC0017	-	-	-	-	

Characteristics of parameter

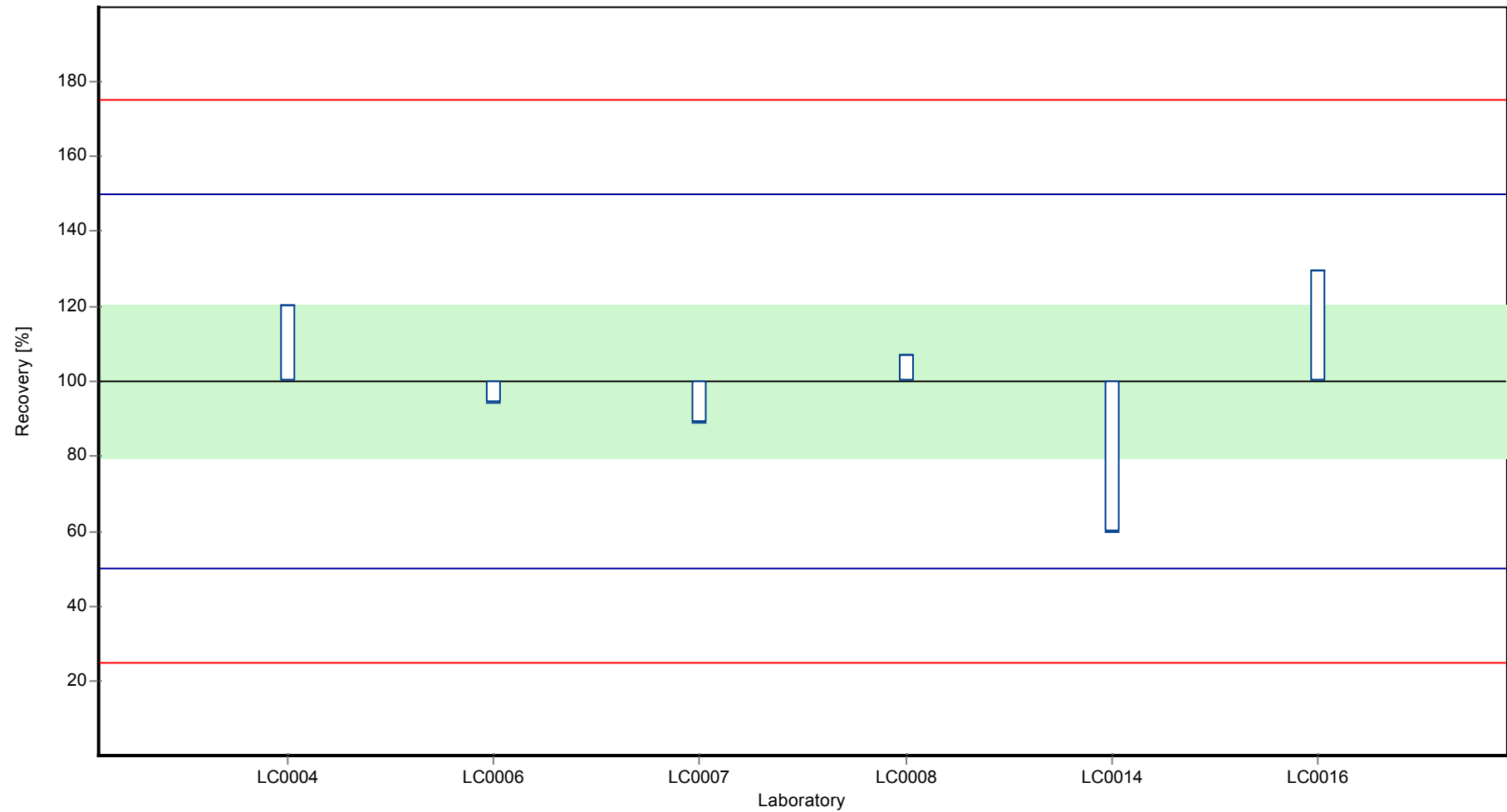
	all results	without outliers	Unit
Mean ± CI (99%)	0.201 ± 0.0614	0.201 ± 0.0614	µg/l
Minimum	0.12	0.12	µg/l
Maximum	0.26	0.26	µg/l
Standard deviation	0.0501	0.0501	µg/l
rel. Standard deviation	24.9	24.9	%
n	6	6	-

Graphical presentation of results

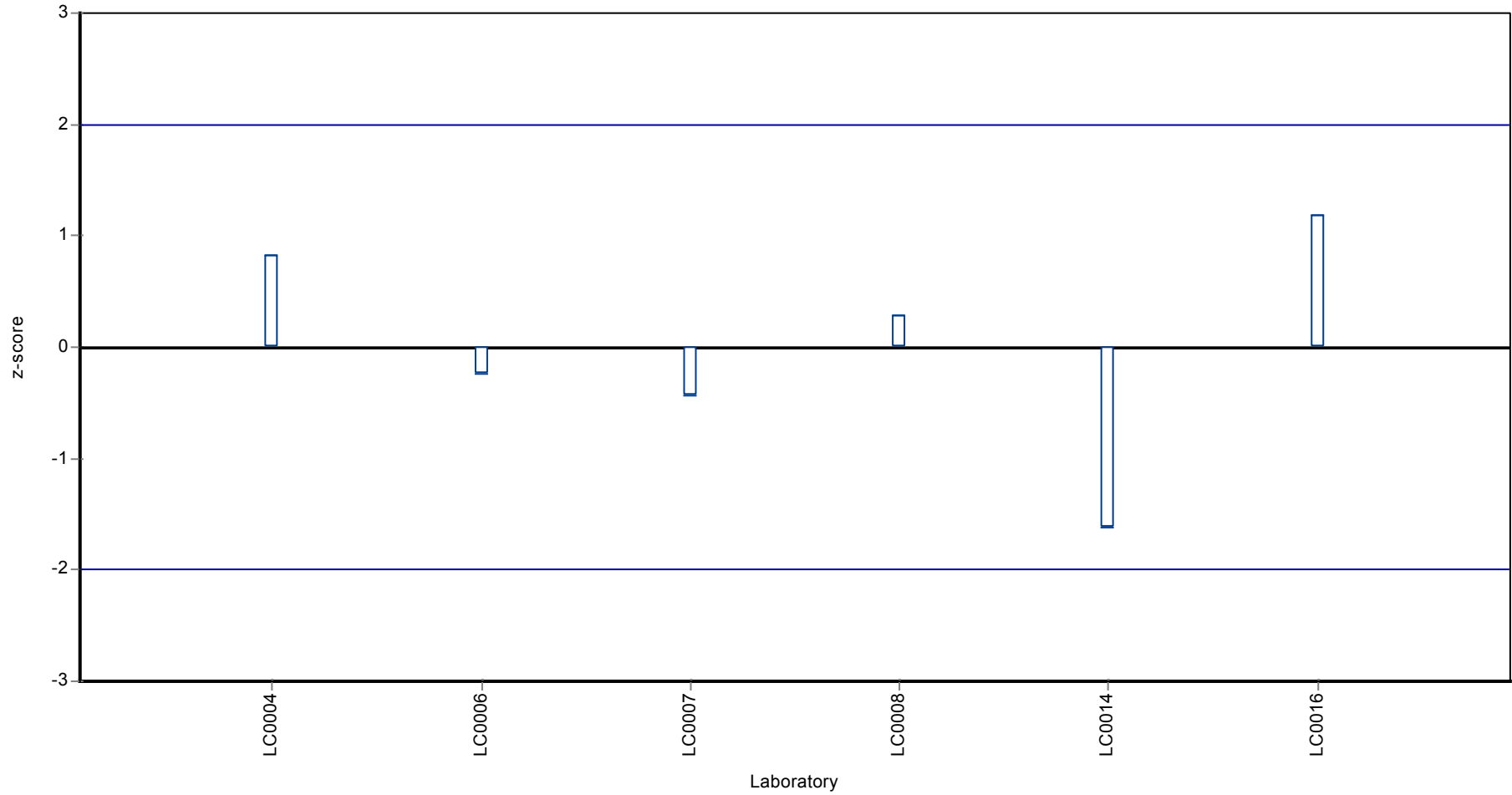
Results



Recovery rate



Z-score



Parameter oriented report

H102 A

Clothianidin

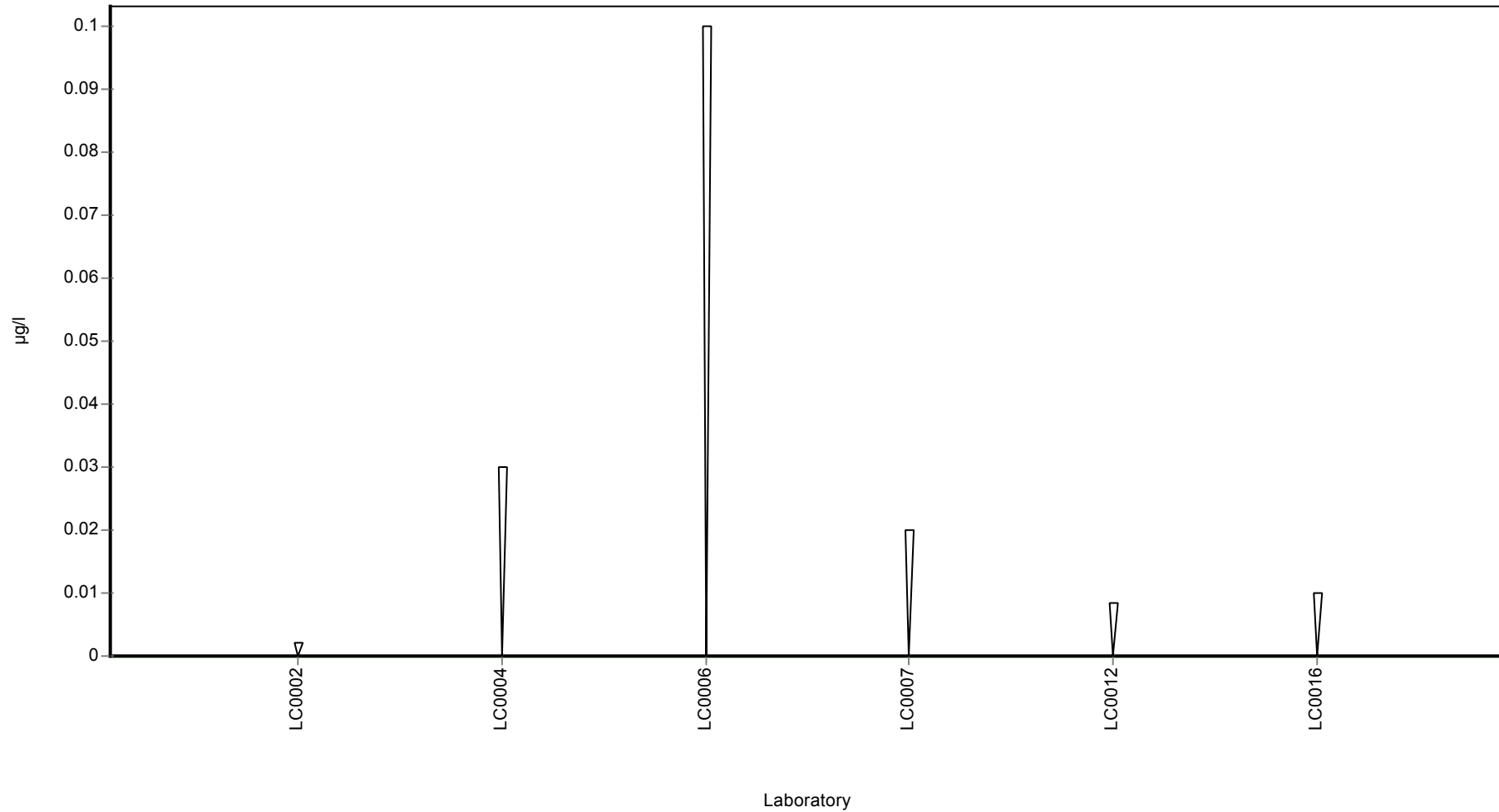
Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	< 0.0022 (LOQ)	-	-	-	
LC0003	-	-	-	-	
LC0004	< 0.03 (LOQ)	-	-	-	
LC0005	-	-	-	-	
LC0006	< 0.1 (LOQ)	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	< 0.0085 (LOQ)	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	< 0.01 (LOQ)	-	-	-	
LC0017	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results
Results



Parameter oriented report

H102 B

Clothianidin

Unit	µg/l
Mean ± CI (99%)	0.584 ± 0.0703
Minimum - Maximum	0.515 - 0.65
Control test value ± U	0.556 ± 0.0834

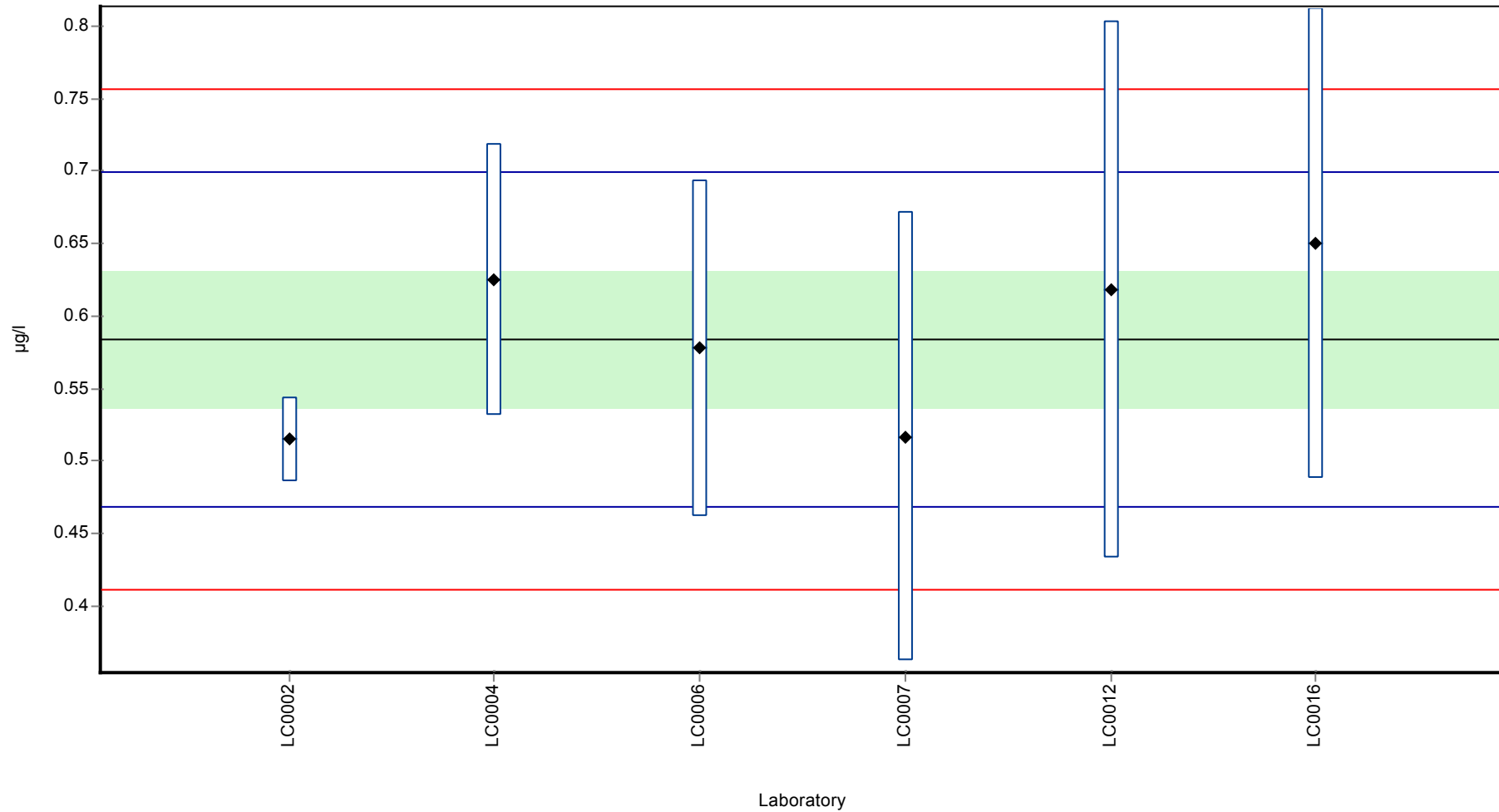
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.515	0.029	88.2	-1.2	
LC0003	-	-	-	-	
LC0004	0.625	0.094	107	0.72	
LC0005	-	-	-	-	
LC0006	0.578	0.116	99	-0.1	
LC0007	0.517	0.1551	88.5	-1.16	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.6182	0.1855	106	0.6	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.65	0.1625	111	1.15	
LC0017	-	-	-	-	

Characteristics of parameter

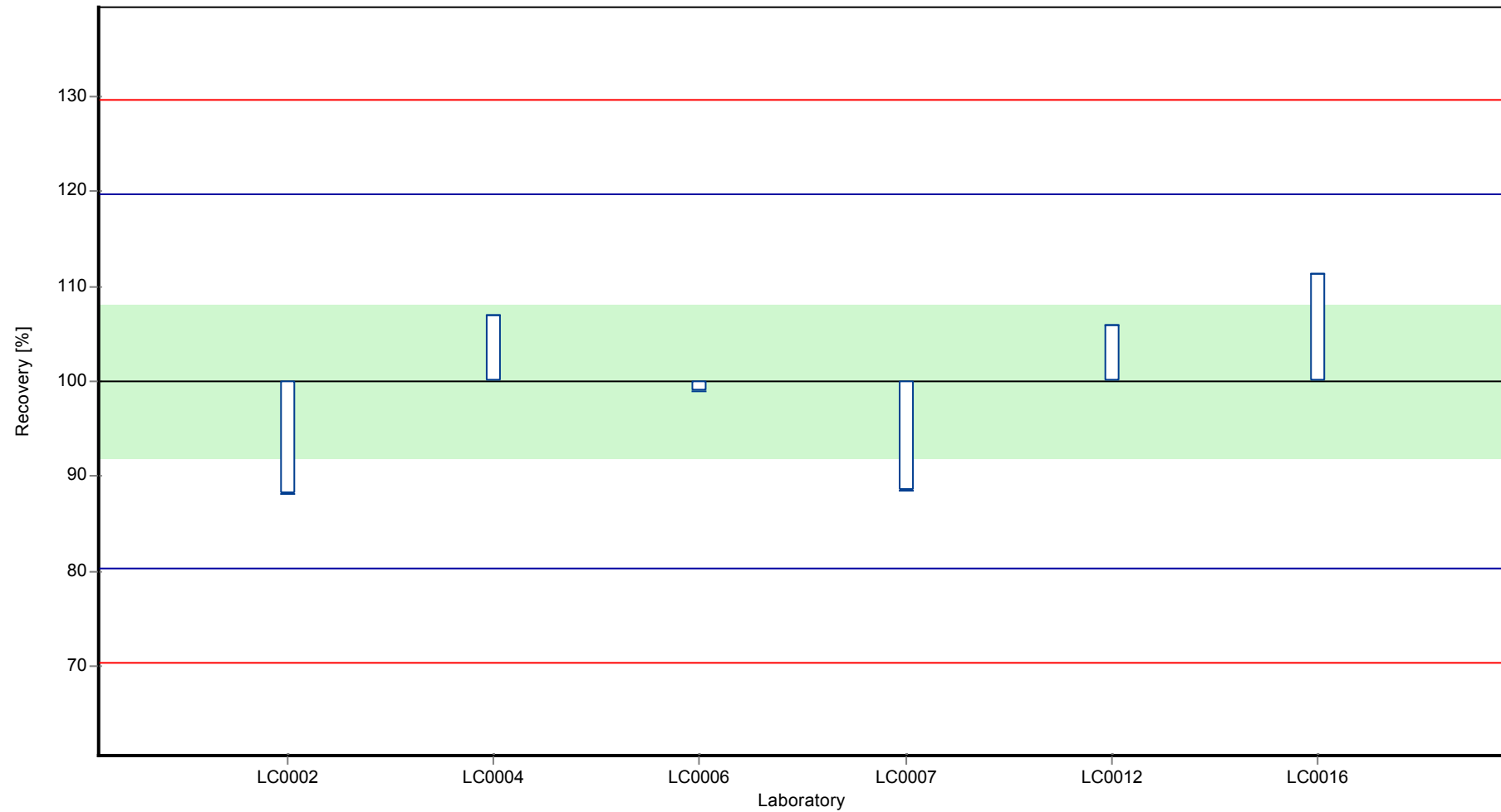
	all results	without outliers	Unit
Mean ± CI (99%)	0.584 ± 0.0703	0.584 ± 0.0703	µg/l
Minimum	0.515	0.515	µg/l
Maximum	0.65	0.65	µg/l
Standard deviation	0.0574	0.0574	µg/l
rel. Standard deviation	9.84	9.84	%
n	6	6	-

Graphical presentation of results

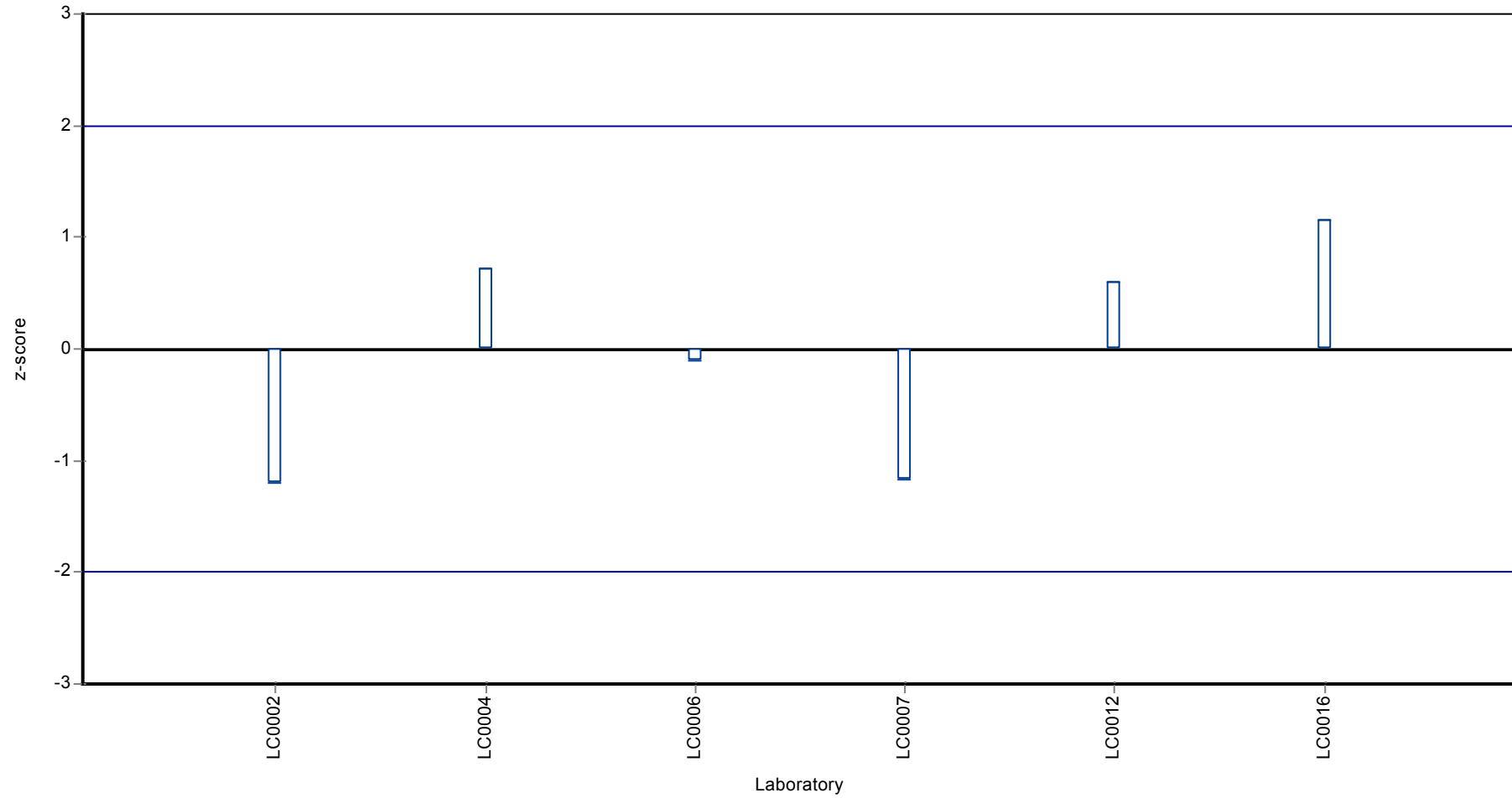
Results



Recovery rate



Z-score



Parameter oriented report

H102 A

Cyanazine

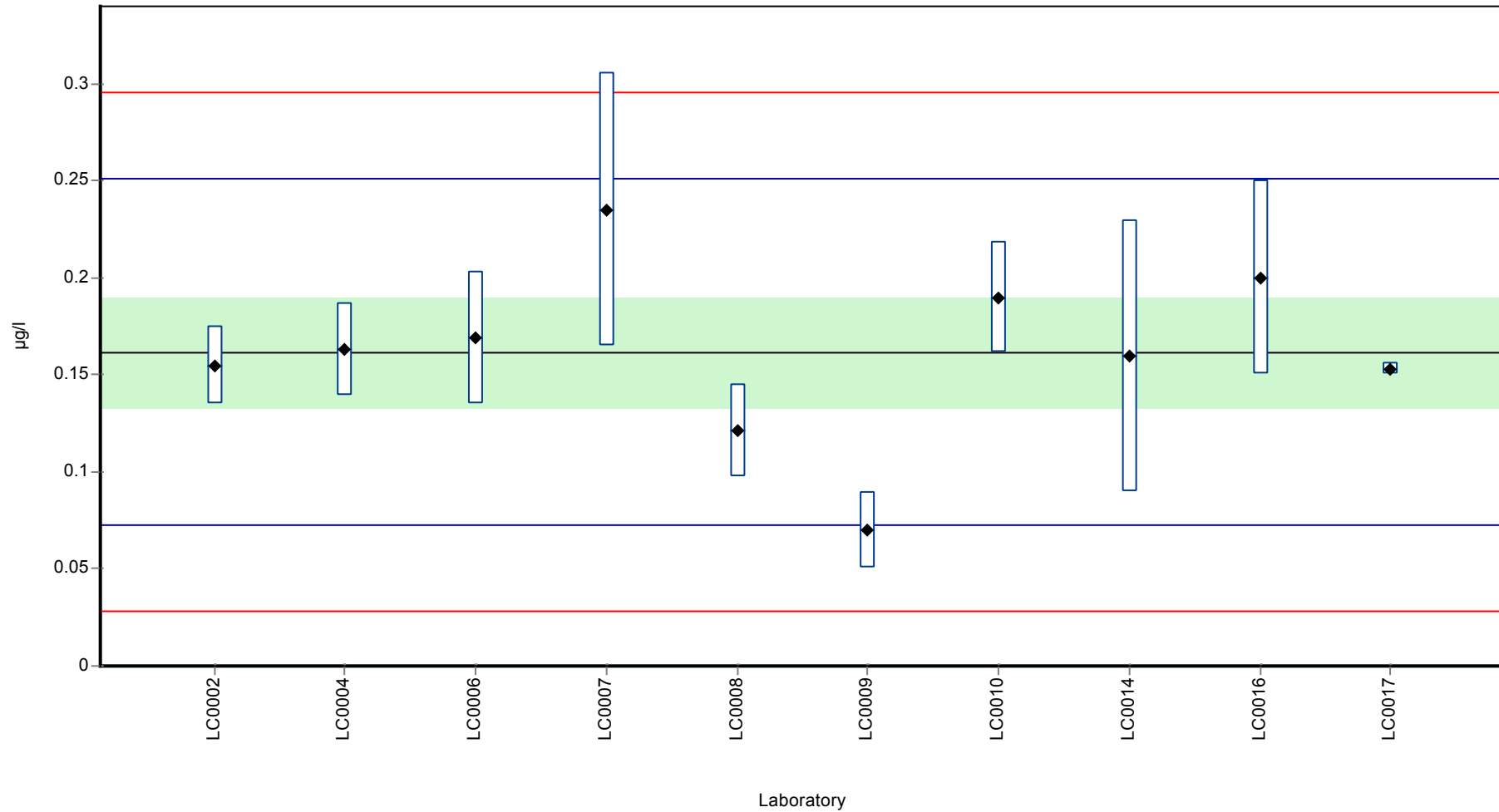
Unit	µg/l
Mean ± CI (99%)	0.162 ± 0.0423
Minimum - Maximum	0.07 - 0.235
Control test value ± U	0.153 ± 0.023

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.155	0.02	95.9	-0.15	
LC0003	-	-	-	-	
LC0004	0.163	0.024	101	0.03	
LC0005	-	-	-	-	
LC0006	0.169	0.034	105	0.17	
LC0007	0.235	0.0705	145	1.65	
LC0008	0.121	0.024	74.9	-0.91	
LC0009	0.07	0.02	43.3	-2.05	
LC0010	0.19	0.0285	118	0.64	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	0.16	0.07	99	-0.04	
LC0015	-	-	-	-	
LC0016	0.2	0.05	124	0.86	
LC0017	0.153	0.003	94.7	-0.19	

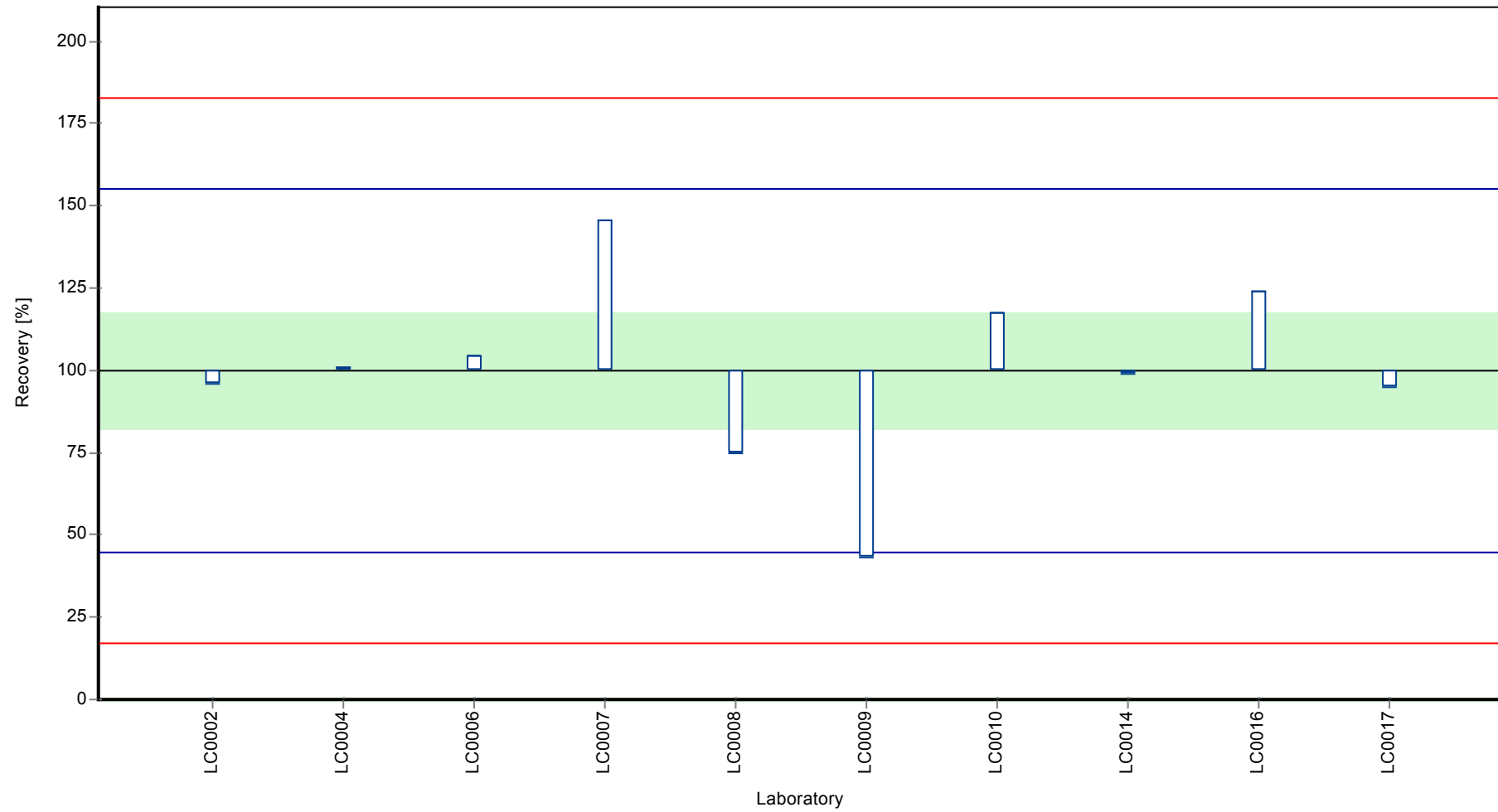
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.162 ± 0.0423	0.162 ± 0.0423	µg/l
Minimum	0.07	0.07	µg/l
Maximum	0.235	0.235	µg/l
Standard deviation	0.0446	0.0446	µg/l
rel. Standard deviation	27.6	27.6	%
n	10	10	-

Graphical presentation of results
Results



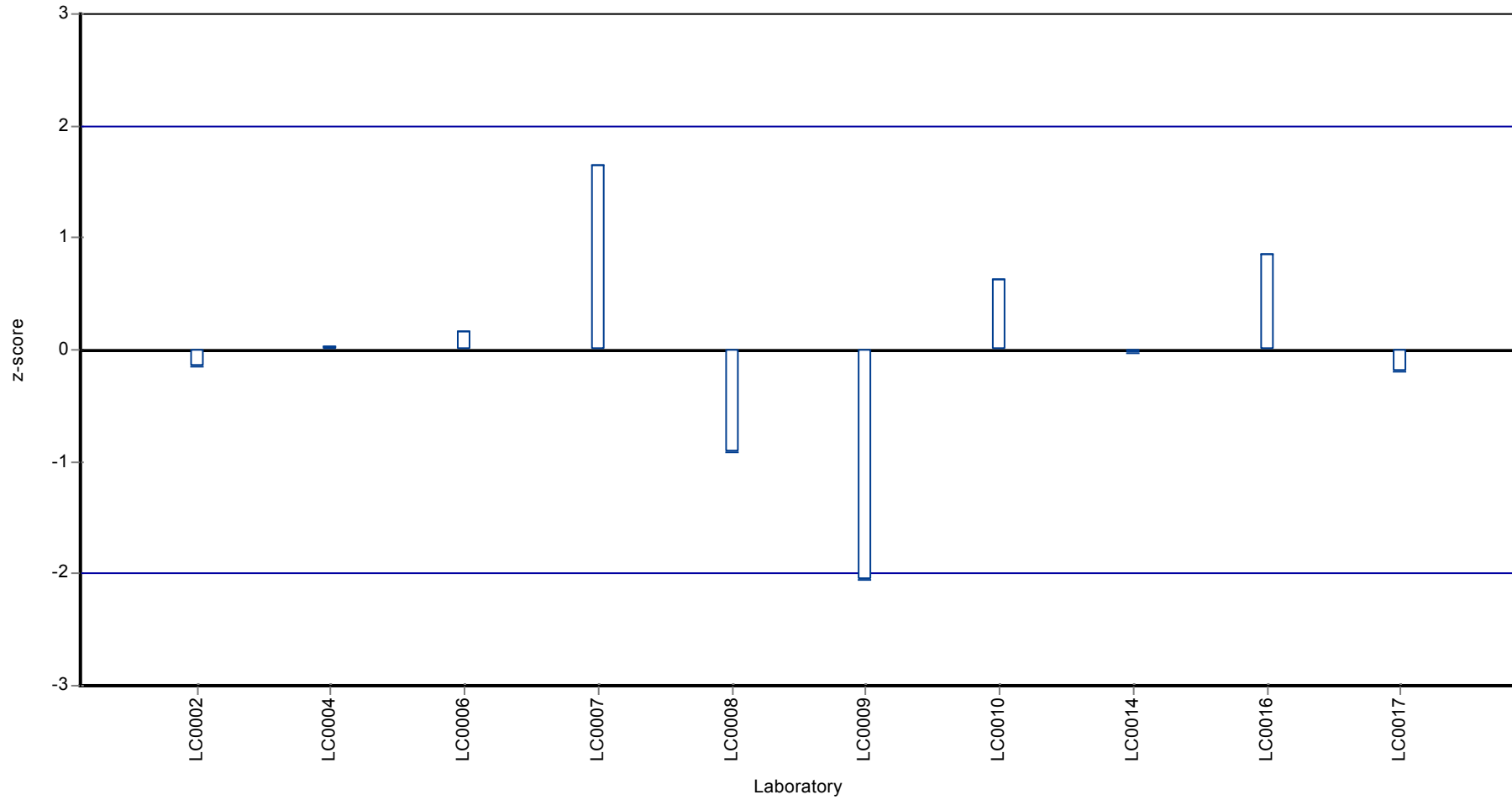
Recovery rate



Parameter oriented report Pesticides H102

Sample: H102A, Parameter: Cyanazine

Z-score



Parameter oriented report

H102 B

Cyanazine

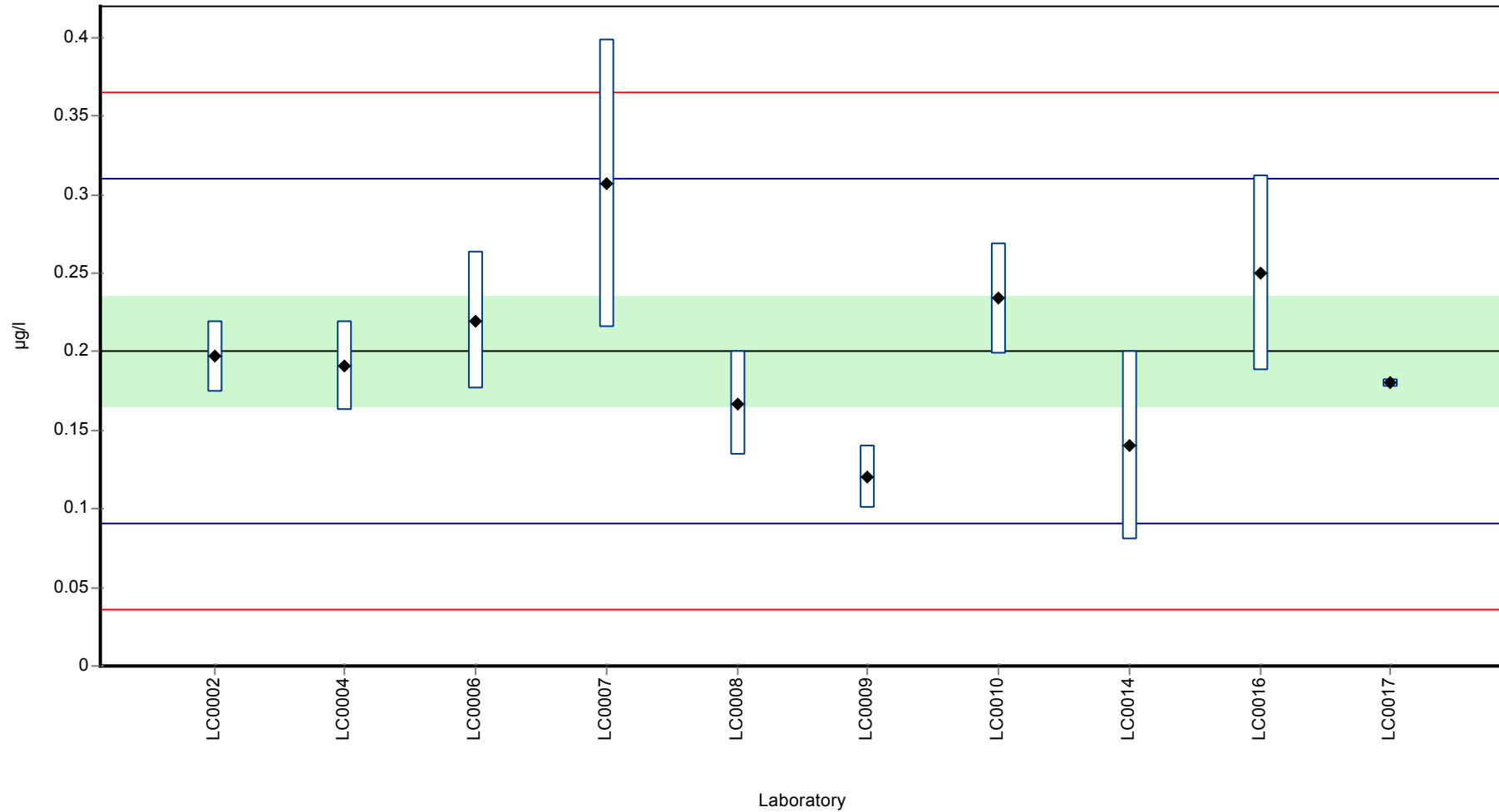
Unit	µg/l
Mean ± CI (99%)	0.201 ± 0.052
Minimum - Maximum	0.12 - 0.307
Control test value ± U	0.191 ± 0.0286

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.197	0.023	98.2	-0.07	
LC0003	-	-	-	-	
LC0004	0.191	0.029	95.2	-0.17	
LC0005	-	-	-	-	
LC0006	0.22	0.044	110	0.35	
LC0007	0.307	0.0921	153	1.94	
LC0008	0.167	0.033	83.3	-0.61	
LC0009	0.12	0.02	59.8	-1.47	
LC0010	0.234	0.0351	117	0.61	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	0.14	0.06	69.8	-1.1	
LC0015	-	-	-	-	
LC0016	0.25	0.0625	125	0.9	
LC0017	0.18	0.003	89.7	-0.38	

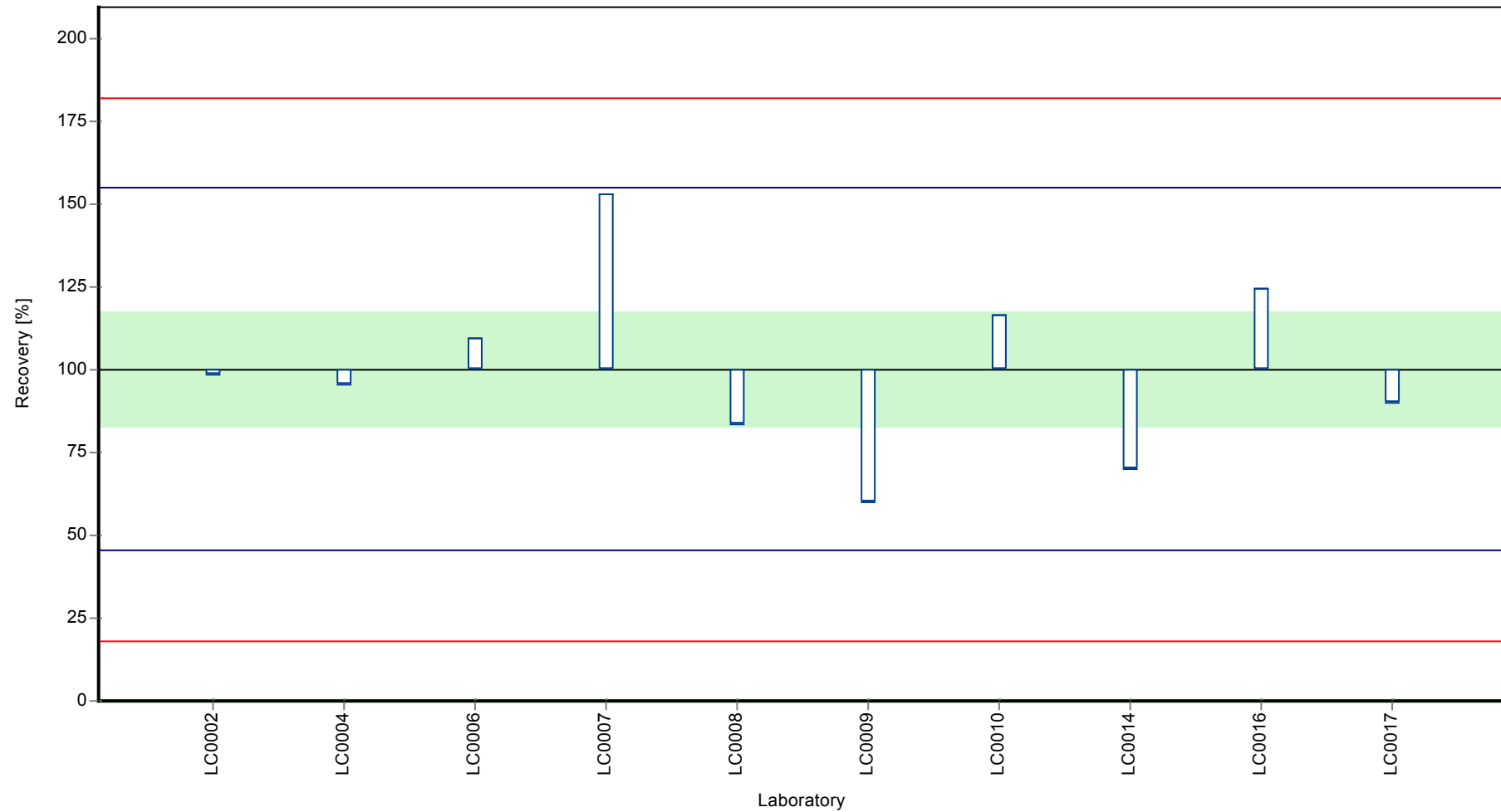
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.201 ± 0.052	0.201 ± 0.052	µg/l
Minimum	0.12	0.12	µg/l
Maximum	0.307	0.307	µg/l
Standard deviation	0.0549	0.0549	µg/l
rel. Standard deviation	27.3	27.3	%
n	10	10	-

Graphical presentation of results
Results



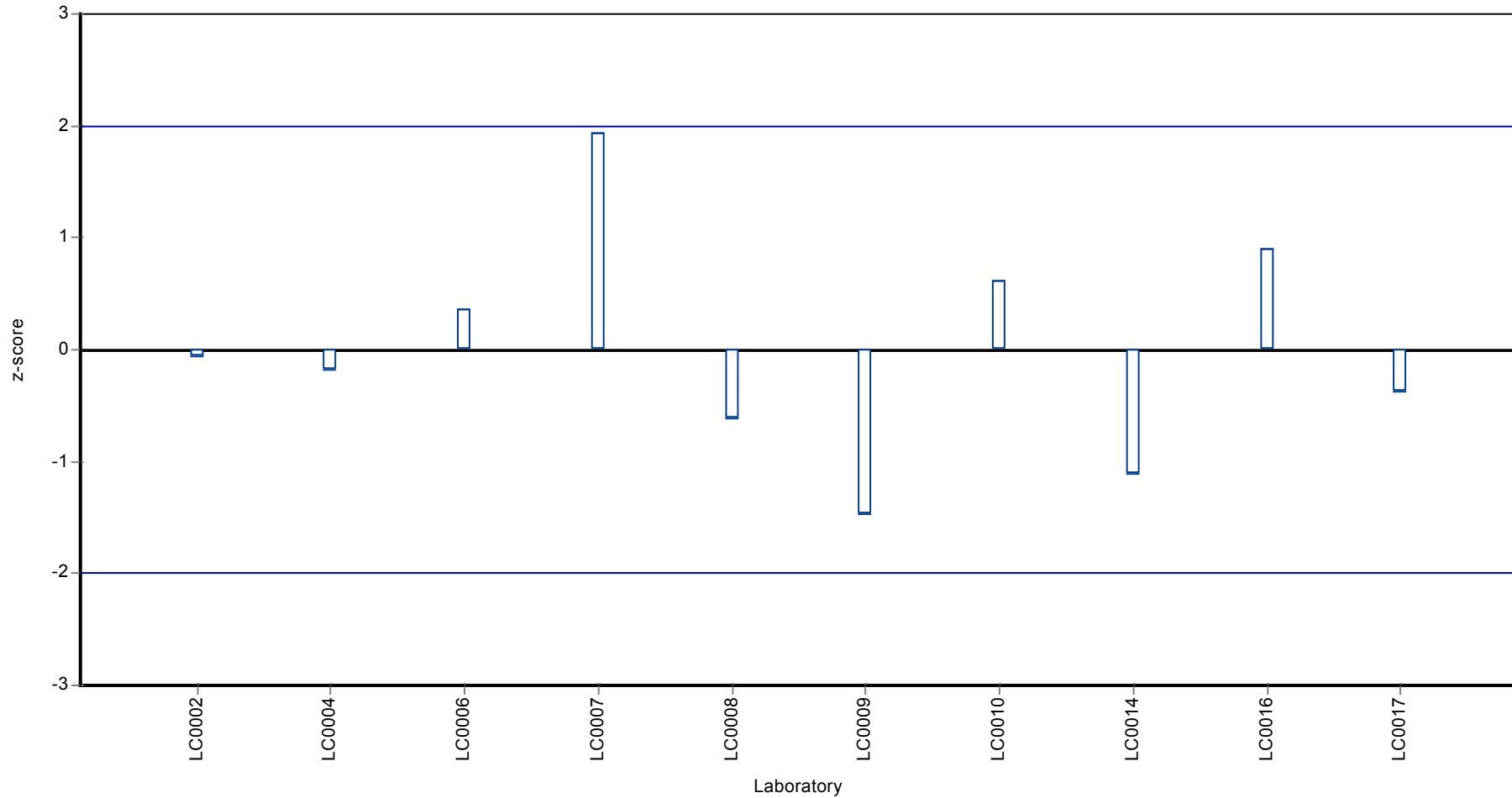
Recovery rate



Parameter oriented report Pesticides H102

Sample: H102B, Parameter: Cyanazine

Z-score



Parameter oriented report

H102 A

Dieldrin

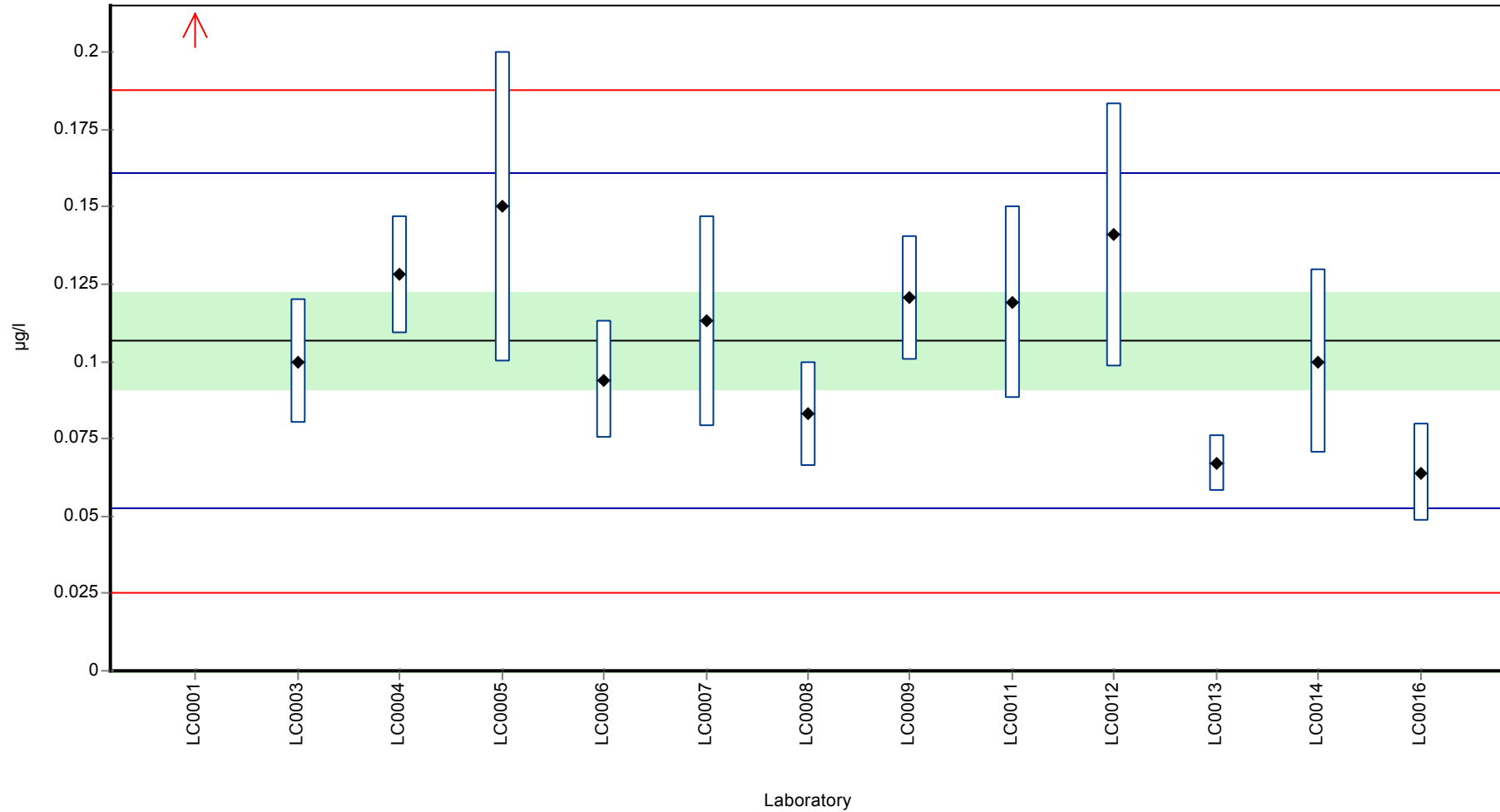
Unit	µg/l
Mean ± CI (99%)	0.107 ± 0.0235
Minimum - Maximum	0.064 - 0.15
Control test value ± U	0.101 ± 0.0303

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	13	1.3	12200	476	H
LC0002	-	-	-	-	
LC0003	0.1	0.02	93.8	-0.24	
LC0004	0.128	0.019	120	0.79	
LC0005	0.15	0.05	141	1.6	
LC0006	0.094	0.019	88.2	-0.47	
LC0007	0.113	0.0339	106	0.24	
LC0008	0.083	0.017	77.9	-0.87	
LC0009	0.1205	0.02	113	0.51	
LC0010	-	-	-	-	
LC0011	0.119	0.031	112	0.46	
LC0012	0.1408	0.0425	132	1.26	
LC0013	0.067	0.009	62.8	-1.46	
LC0014	0.1	0.03	93.8	-0.24	
LC0015	-	-	-	-	
LC0016	0.064	0.016	60	-1.57	
LC0017	-	-	-	-	

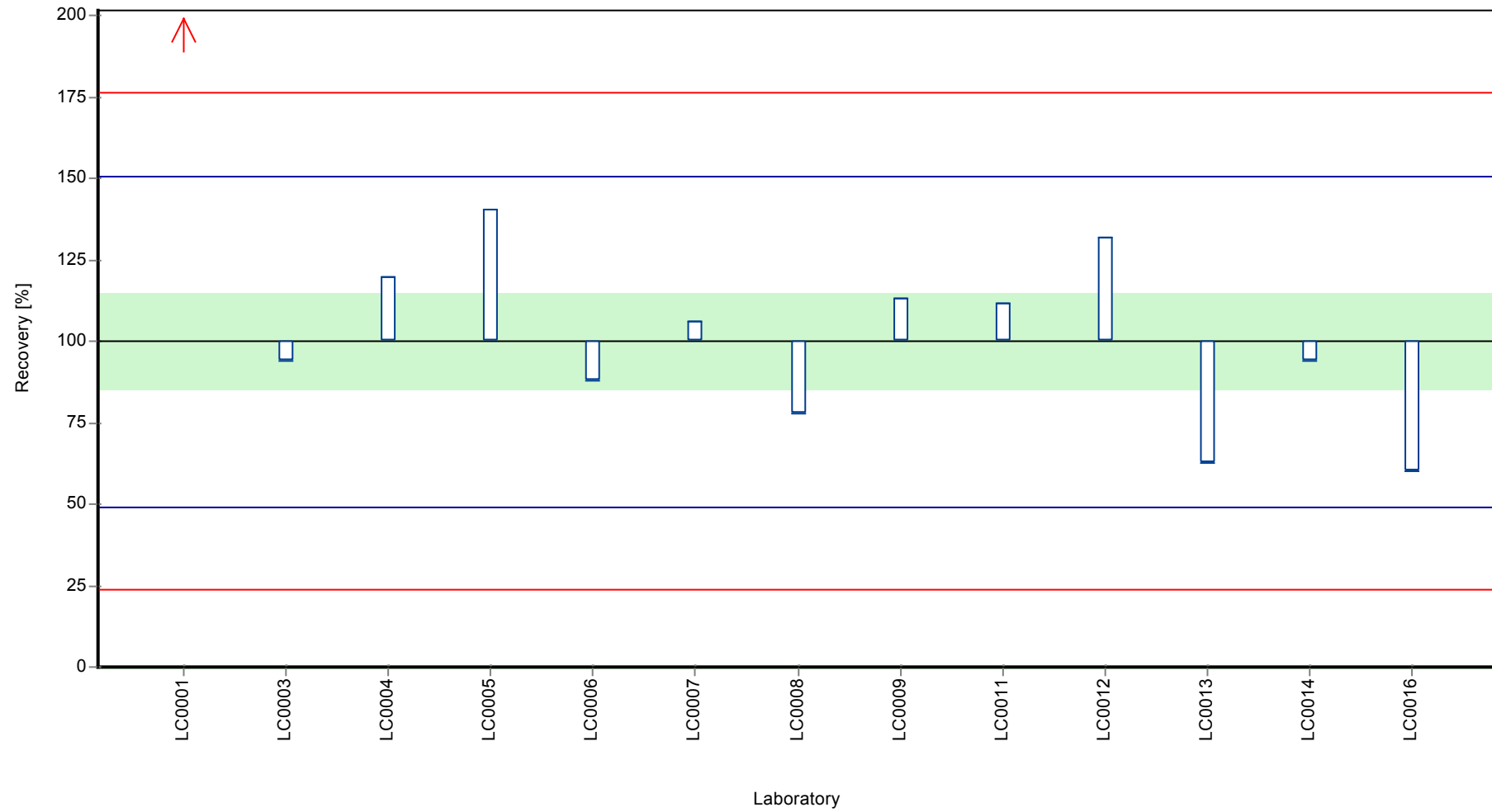
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	1.1 ± 2.98	0.107 ± 0.0235	µg/l
Minimum	0.064	0.064	µg/l
Maximum	13	0.15	µg/l
Standard deviation	3.58	0.0271	µg/l
rel. Standard deviation	326	25.4	%
n	13	12	-

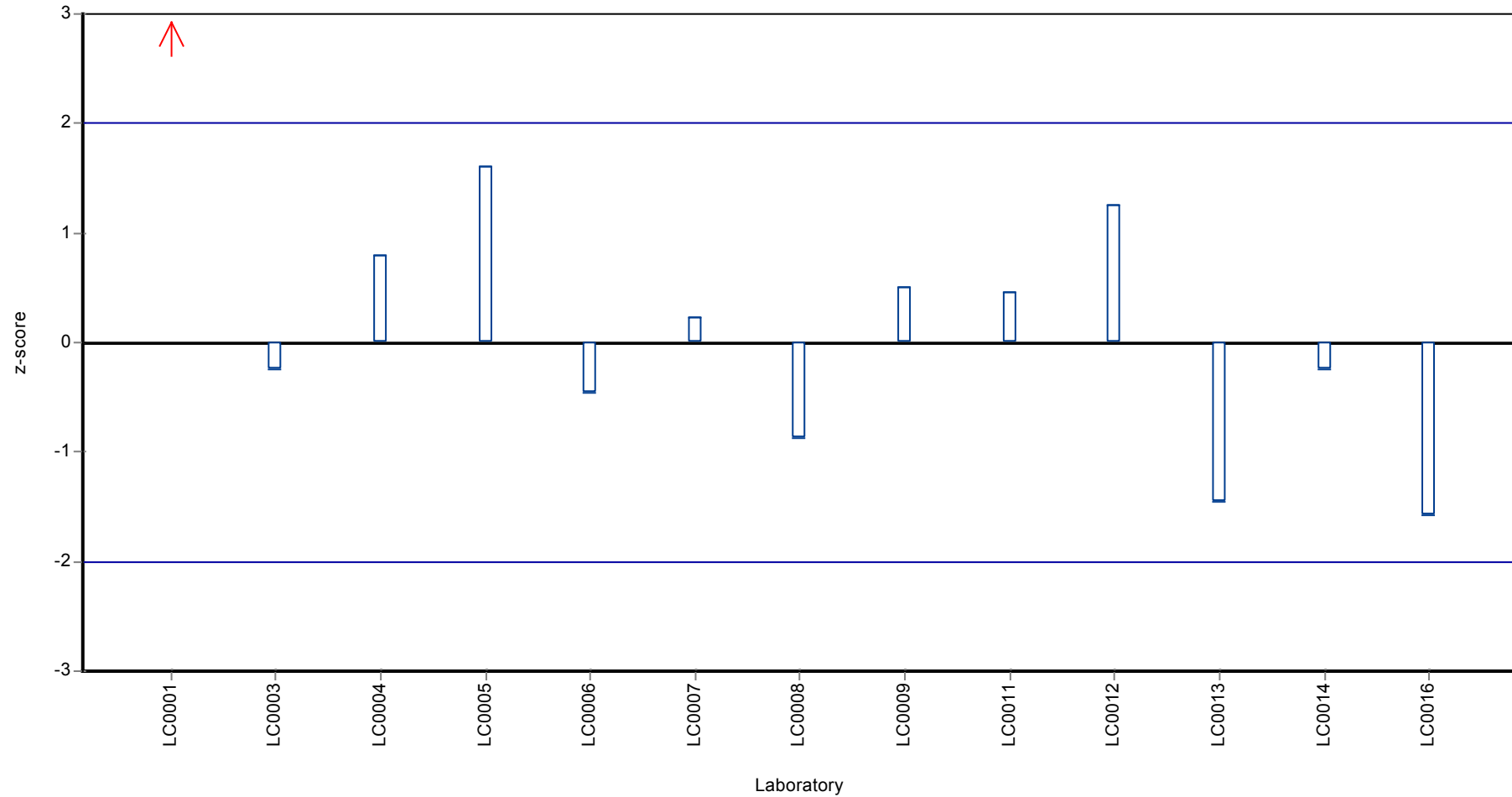
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H102 B

Dieldrin

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.0028 - 22
Control test value ± U	<0.005 (LOD)

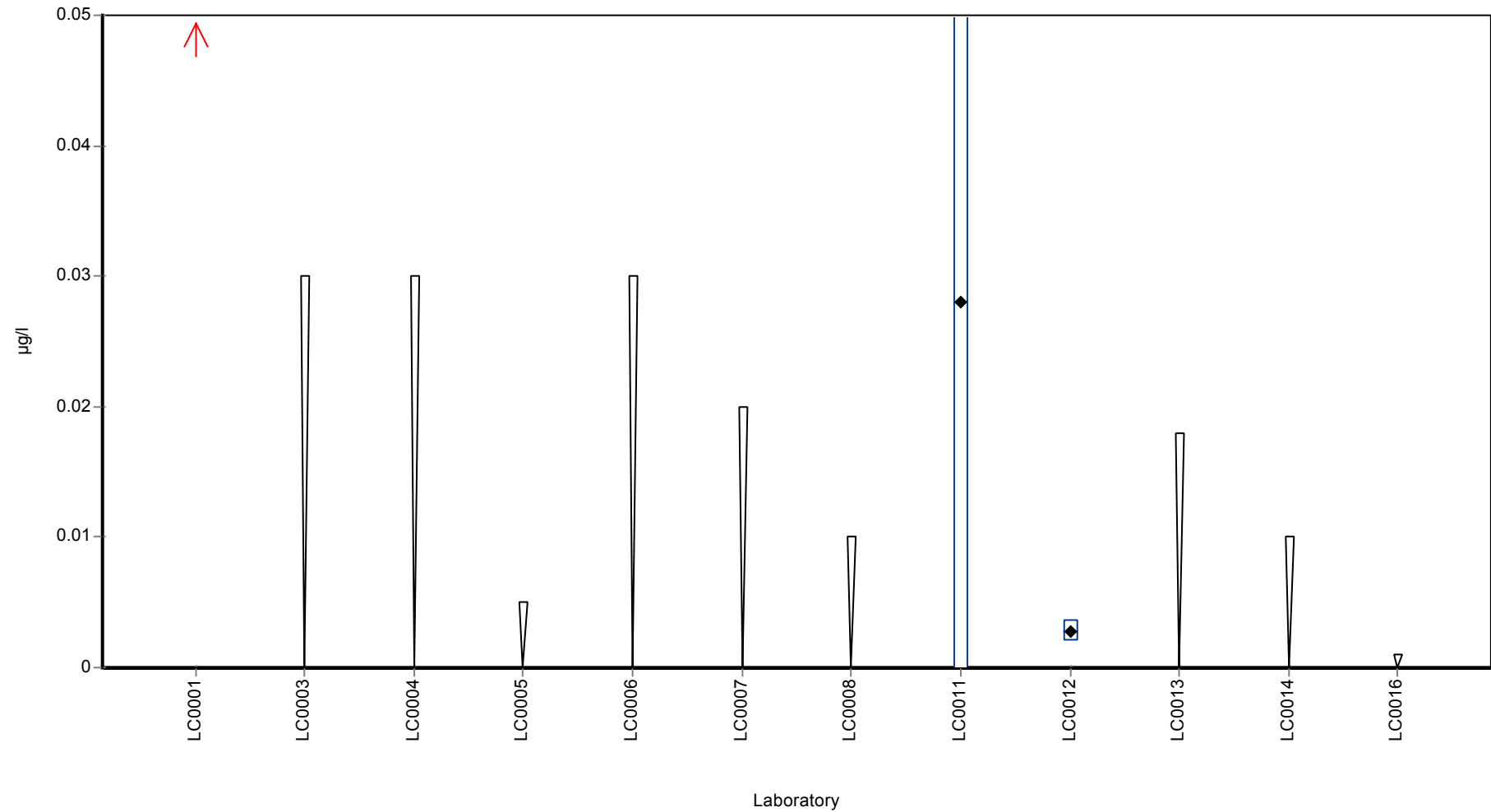
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	22	2.2	-	-	FP
LC0002	-	-	-	-	
LC0003	< 0.03 (LOQ)	-	-	-	
LC0004	< 0.03 (LOQ)	-	-	-	
LC0005	< 0.005 (LOQ)	-	-	-	
LC0006	< 0.03 (LOQ)	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.01 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.028	0.031	-	-	
LC0012	0.0028	0.0008	-	-	
LC0013	< 0.018 (LOQ)	-	-	-	
LC0014	< 0.01 (LOQ)	-	-	-	
LC0015	-	-	-	-	
LC0016	< 0.001 (LOQ)	-	-	-	
LC0017	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	7.34 ± 22	-	µg/l
Minimum	0.0028	0.0028	µg/l
Maximum	22	22	µg/l
Standard deviation	12.7	-	µg/l
rel. Standard deviation	173	-	%
n	3	3	-

Graphical presentation of results

Results



Parameter oriented report

H102 A

Dinotefurane

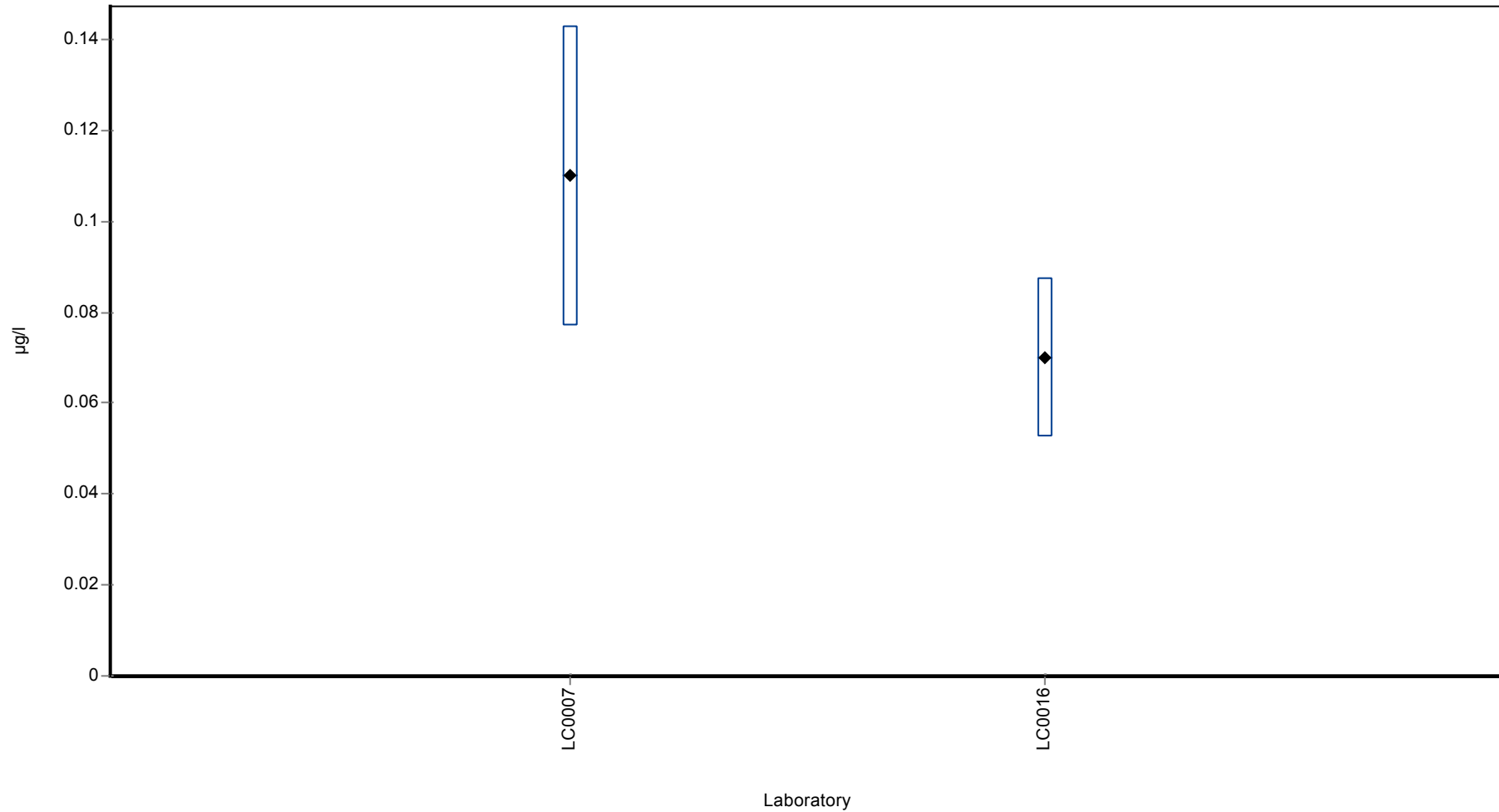
Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.07 - 0.11
Control test value ± U	0.0977 ± 0.0146

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	0.11	0.033	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.07	0.0175	-	-	
LC0017	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.09 ± 0.06	-	µg/l
Minimum	0.07	0.07	µg/l
Maximum	0.11	0.11	µg/l
Standard deviation	0.0283	-	µg/l
rel. Standard deviation	31.4	-	%
n	2	2	-

Graphical presentation of results
Results



Parameter oriented report

H102 B

Dinotefurane

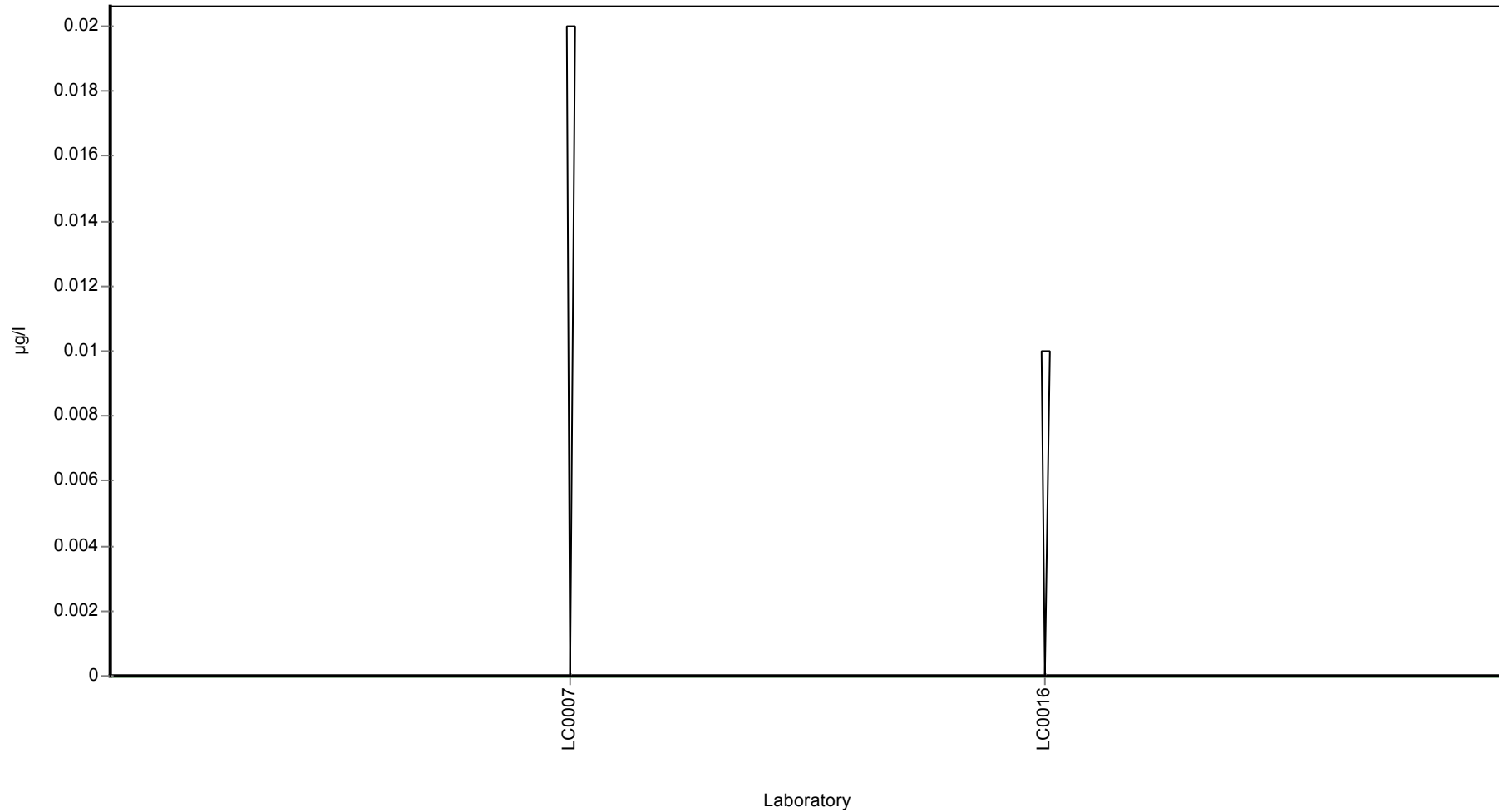
Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	< 0.01 (LOQ)	-	-	-	
LC0017	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Graphical presentation of results
Results



Parameter oriented report

H102 A

Endrin

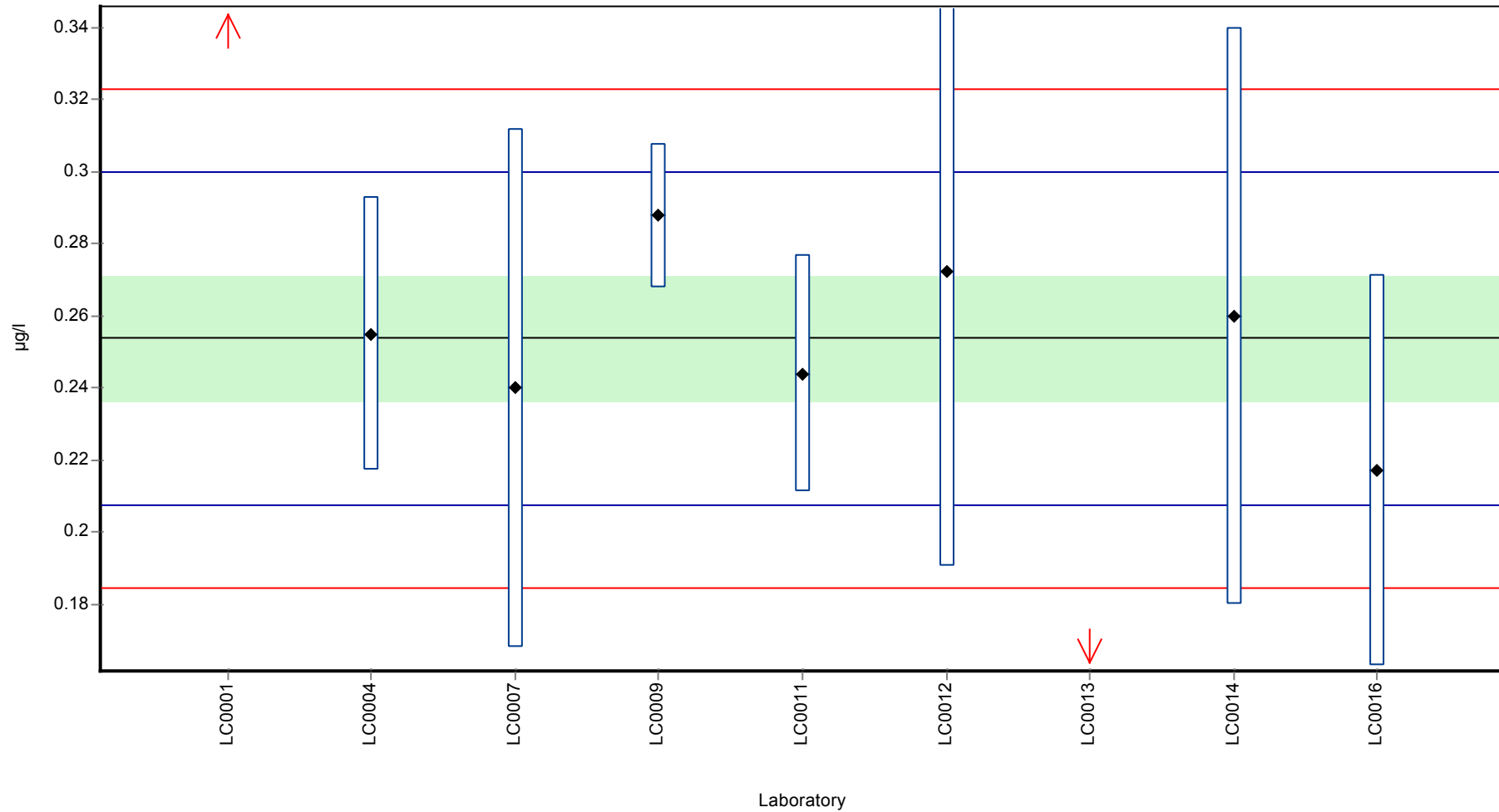
Unit	µg/l
Mean ± CI (99%)	0.254 ± 0.0261
Minimum - Maximum	0.217 - 0.288
Control test value ± U	0.267 ± 0.08

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	69	6.9	27200	2980	H
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.255	0.038	100	0.05	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	0.24	0.072	94.6	-0.6	
LC0008	-	-	-	-	
LC0009	0.288	0.02	114	1.49	
LC0010	-	-	-	-	
LC0011	0.244	0.033	96.2	-0.42	
LC0012	0.2722	0.0817	107	0.8	
LC0013	0.16	0.021	63.1	-4.07	H
LC0014	0.26	0.08	102	0.27	
LC0015	-	-	-	-	
LC0016	0.217	0.05425	85.5	-1.59	
LC0017	-	-	-	-	

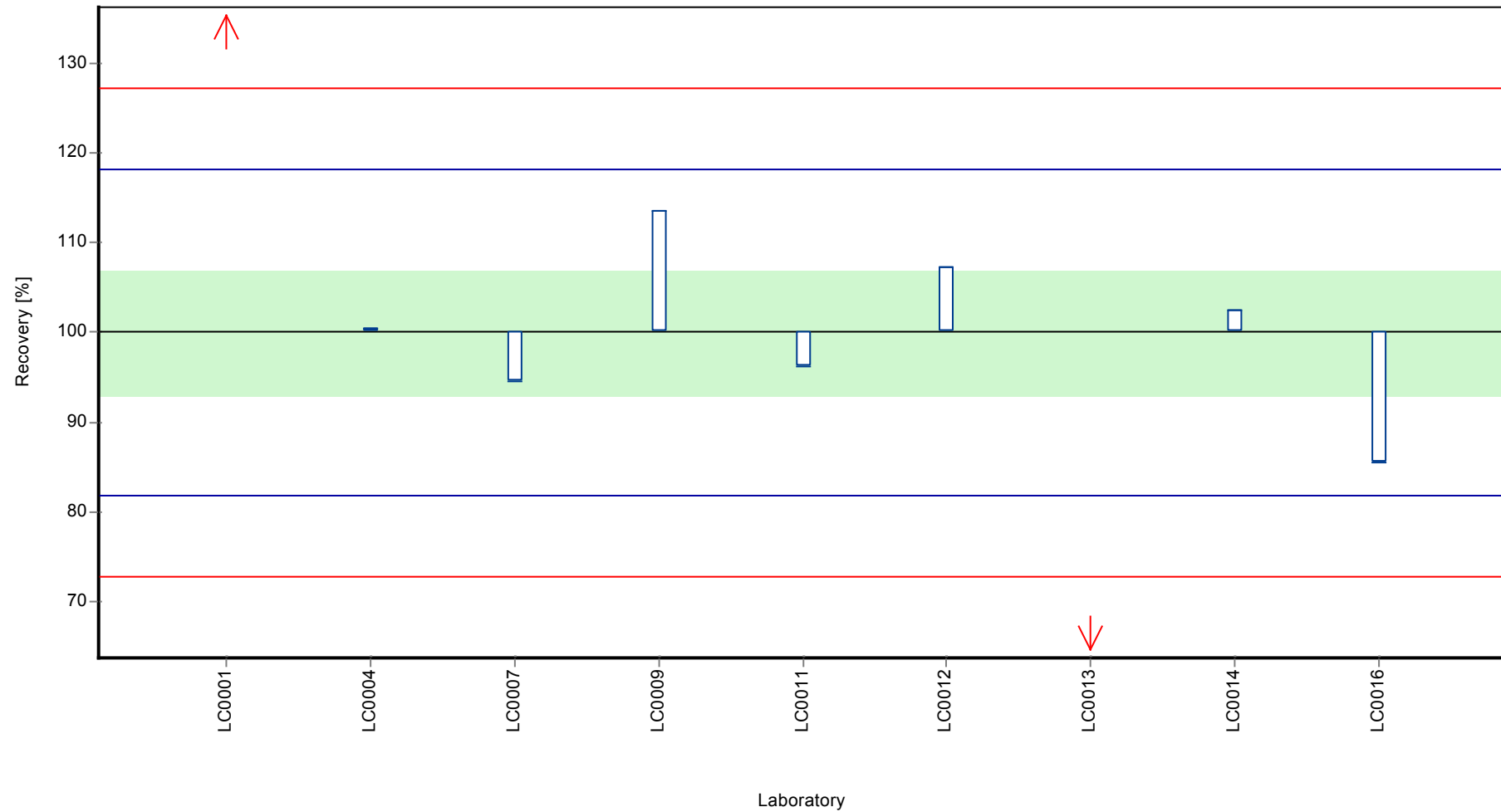
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	7.88 ± 22.9	0.254 ± 0.0261	µg/l
Minimum	0.16	0.217	µg/l
Maximum	69	0.288	µg/l
Standard deviation	22.9	0.0231	µg/l
rel. Standard deviation	291	9.09 %	
n	9	7	-

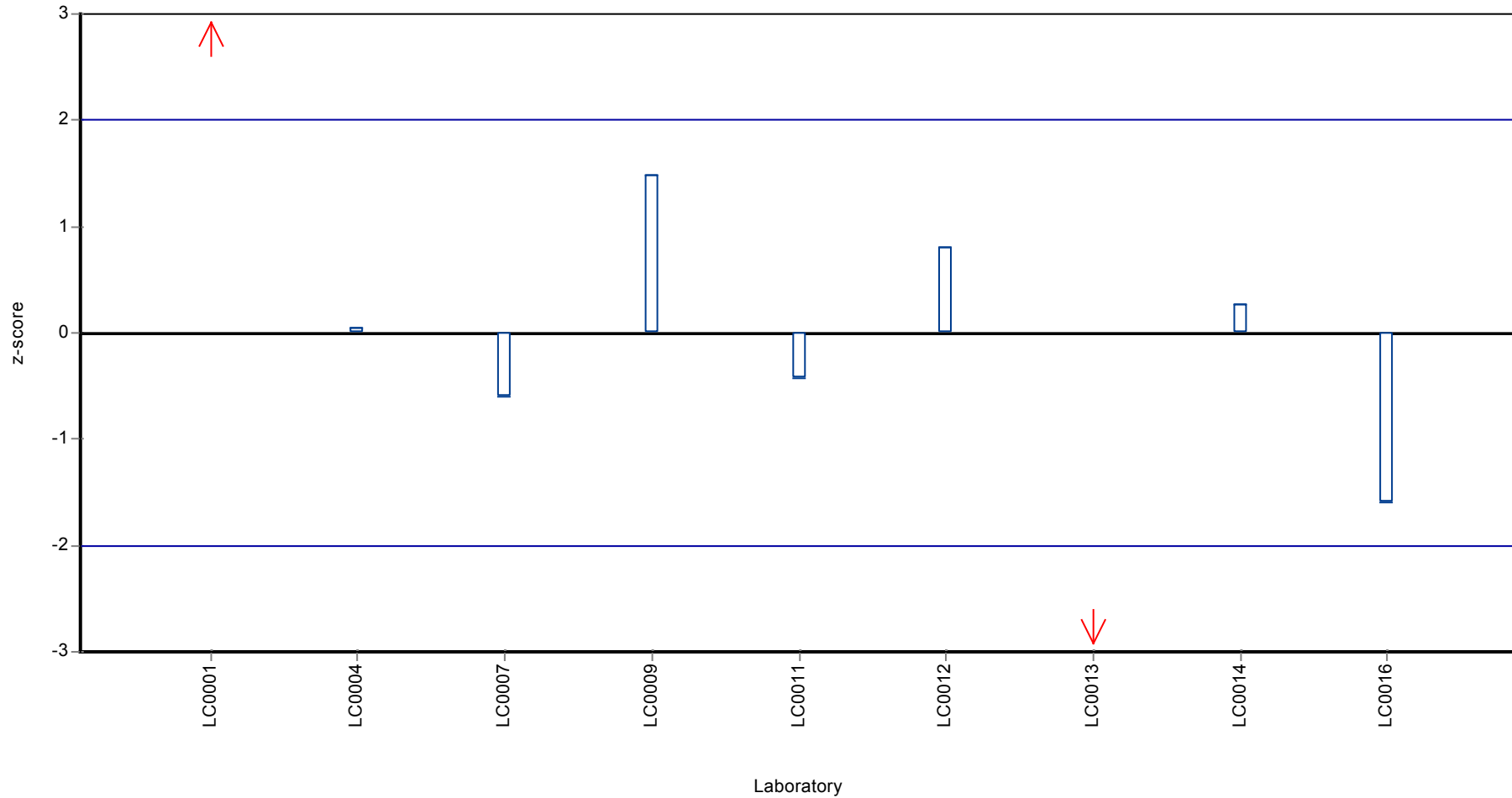
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H102 B

Endrin

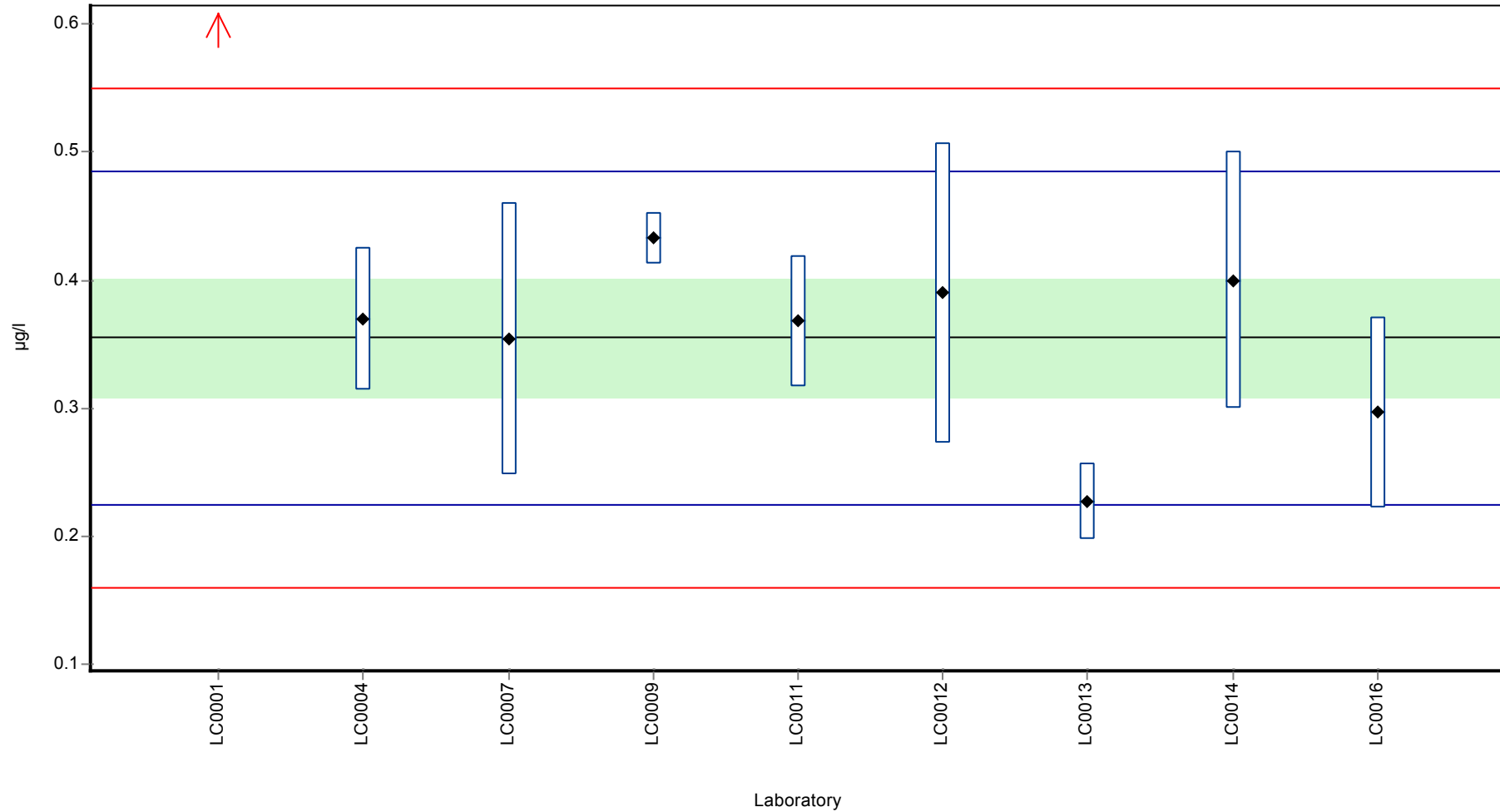
Unit	µg/l
Mean ± CI (99%)	0.355 ± 0.0688
Minimum - Maximum	0.227 - 0.433
Control test value ± U	0.394 ± 0.118

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	42	4.2	11800	642	H
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.37	0.056	104	0.23	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	0.354	0.1062	99.8	-0.01	
LC0008	-	-	-	-	
LC0009	0.433	0.02	122	1.2	
LC0010	-	-	-	-	
LC0011	0.368	0.051	104	0.2	
LC0012	0.3898	0.1169	110	0.54	
LC0013	0.227	0.03	64	-1.97	
LC0014	0.4	0.1	113	0.7	
LC0015	-	-	-	-	
LC0016	0.297	0.07425	83.7	-0.89	
LC0017	-	-	-	-	

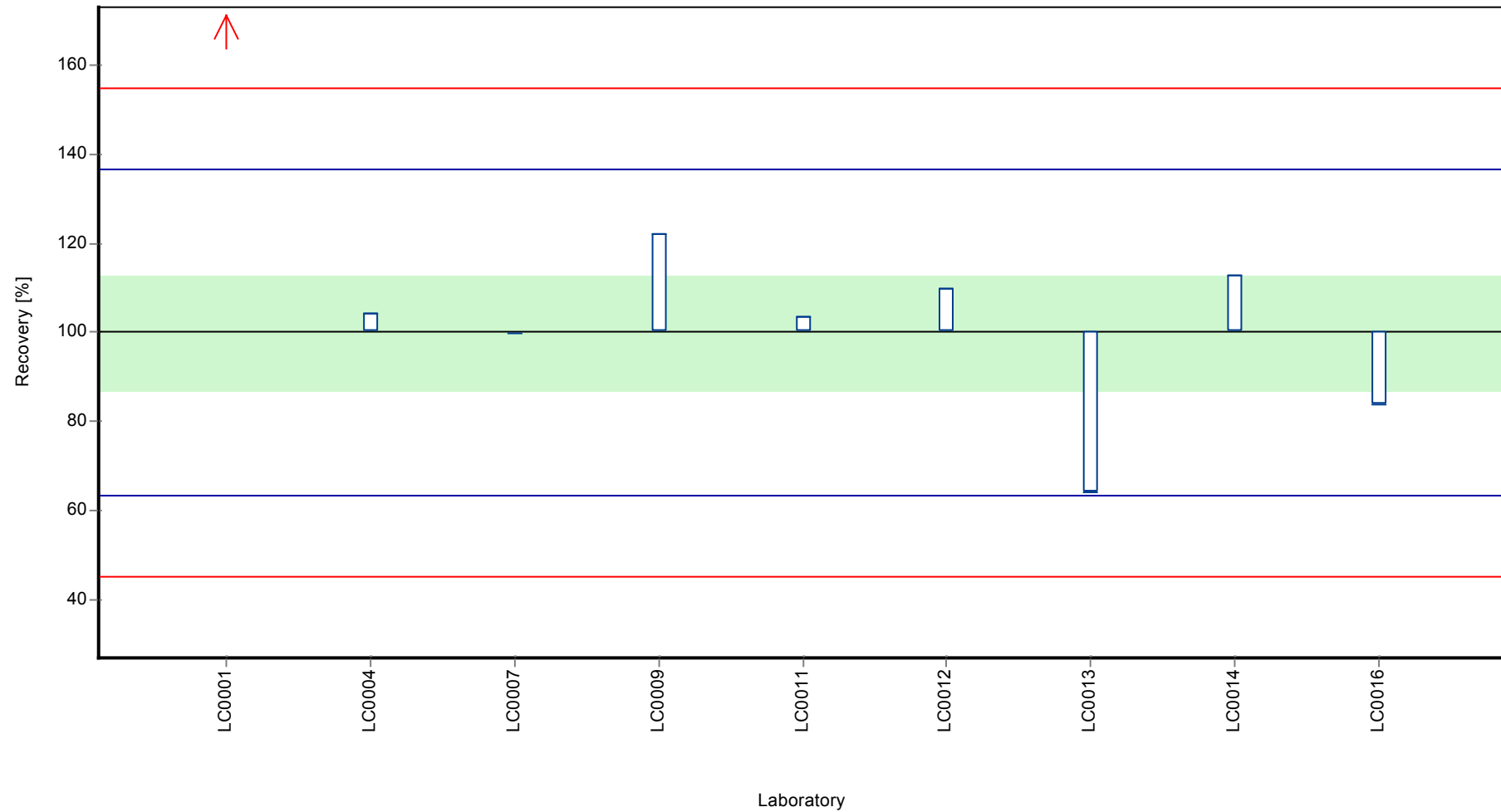
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	4.98 ± 13.9	0.355 ± 0.0688	µg/l
Minimum	0.227	0.227	µg/l
Maximum	42	0.433	µg/l
Standard deviation	13.9	0.0649	µg/l
rel. Standard deviation	279	18.3 %	
n	9	8	-

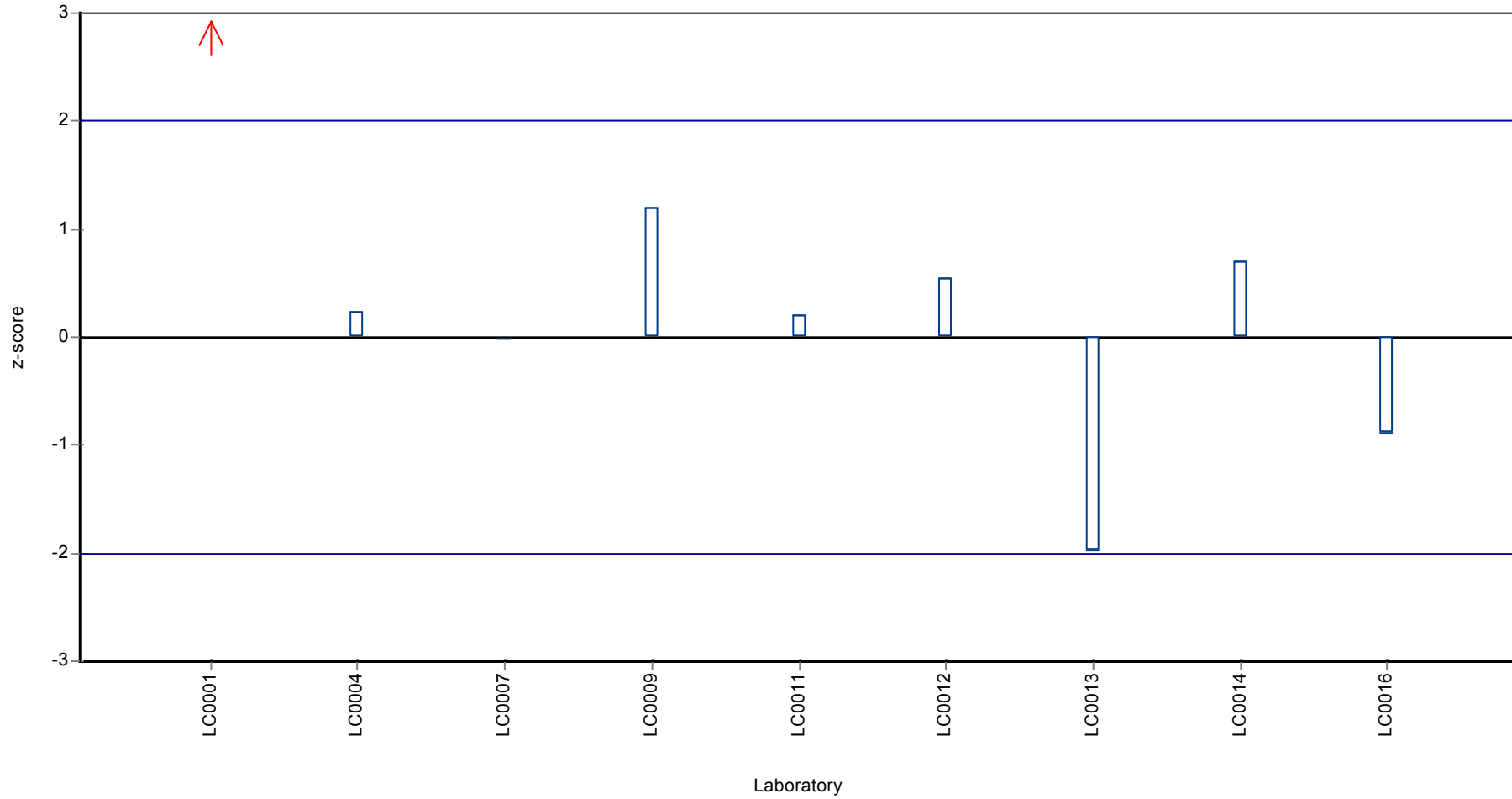
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H102 A

Heptachlor

Unit	µg/l
Mean ± CI (99%)	0.0912 ± 0.0415
Minimum - Maximum	0.022 - 0.16
Control test value ± U	0.0885 ± 0.0266

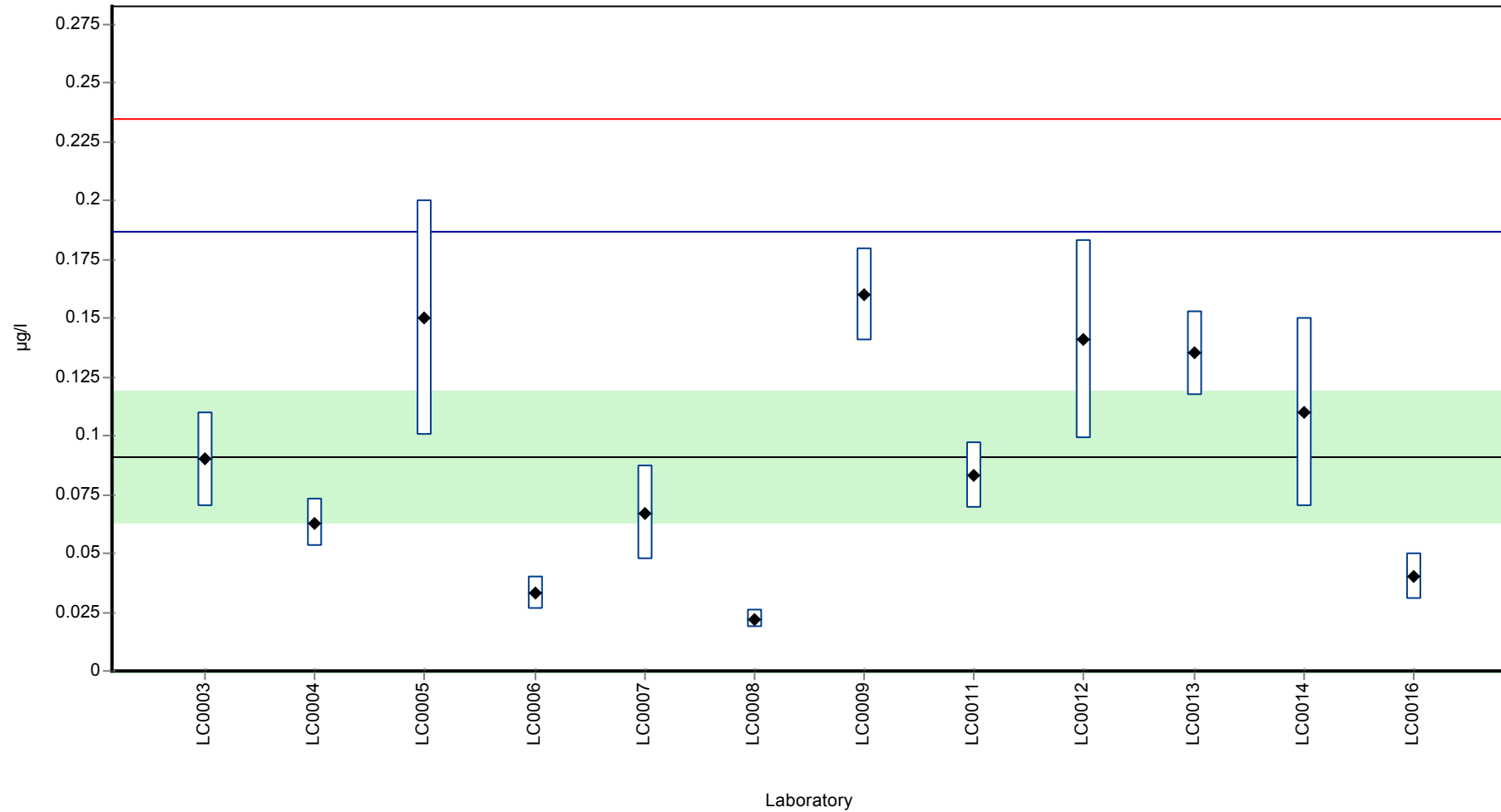
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.09	0.02	98.7	-0.02	
LC0004	0.063	0.01	69.1	-0.59	
LC0005	0.15	0.05	165	1.23	
LC0006	0.033	0.007	36.2	-1.22	
LC0007	0.067	0.0201	73.5	-0.51	
LC0008	0.022	0.004	24.1	-1.45	
LC0009	0.16	0.02	175	1.44	
LC0010	-	-	-	-	
LC0011	0.083	0.014	91	-0.17	
LC0012	0.1411	0.0423	155	1.04	
LC0013	0.135	0.018	148	0.92	
LC0014	0.11	0.04	121	0.39	
LC0015	-	-	-	-	
LC0016	0.04	0.01	43.9	-1.07	
LC0017	-	-	-	-	

Characteristics of parameter

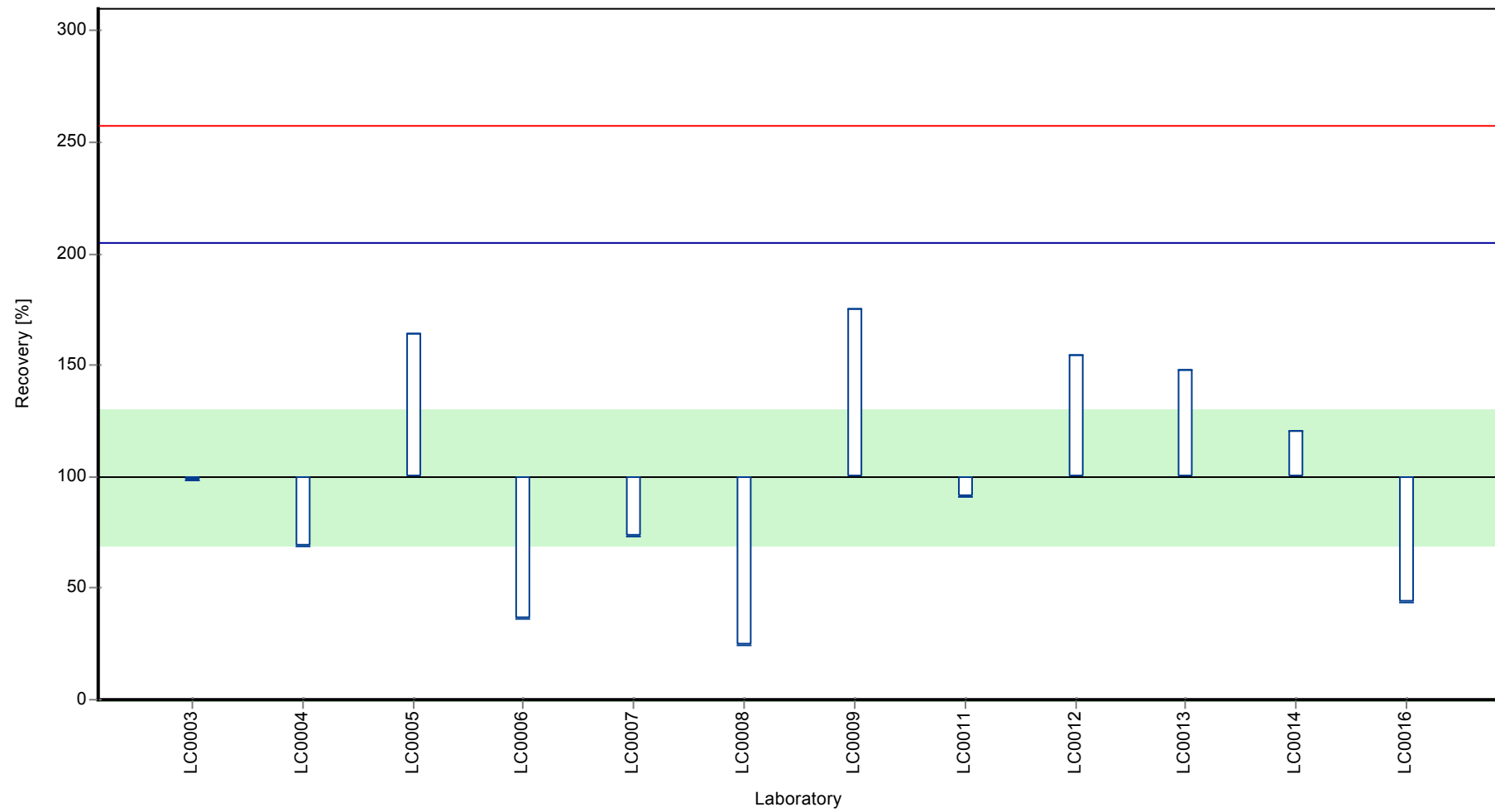
	all results	without outliers	Unit
Mean ± CI (99%)	0.0912 ± 0.0415	0.0912 ± 0.0415	µg/l
Minimum	0.022	0.022	µg/l
Maximum	0.16	0.16	µg/l
Standard deviation	0.0479	0.0479	µg/l
rel. Standard deviation	52.5	52.5	%
n	12	12	-

Graphical presentation of results

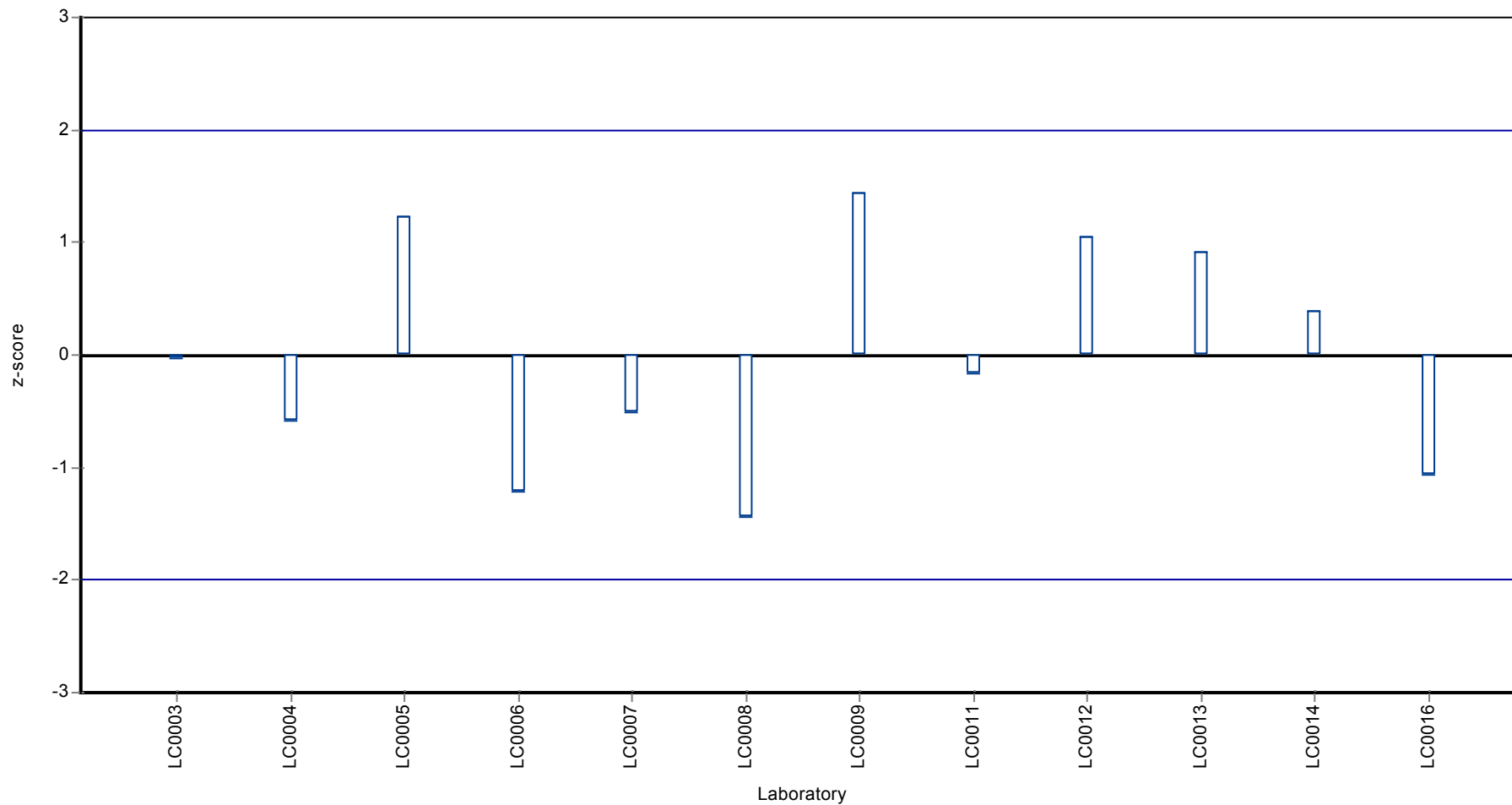
Results



Recovery rate



Z-score



Parameter oriented report

H102 B

Heptachlor

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.028 - 40
Control test value ± U	<0.005 (LOD)

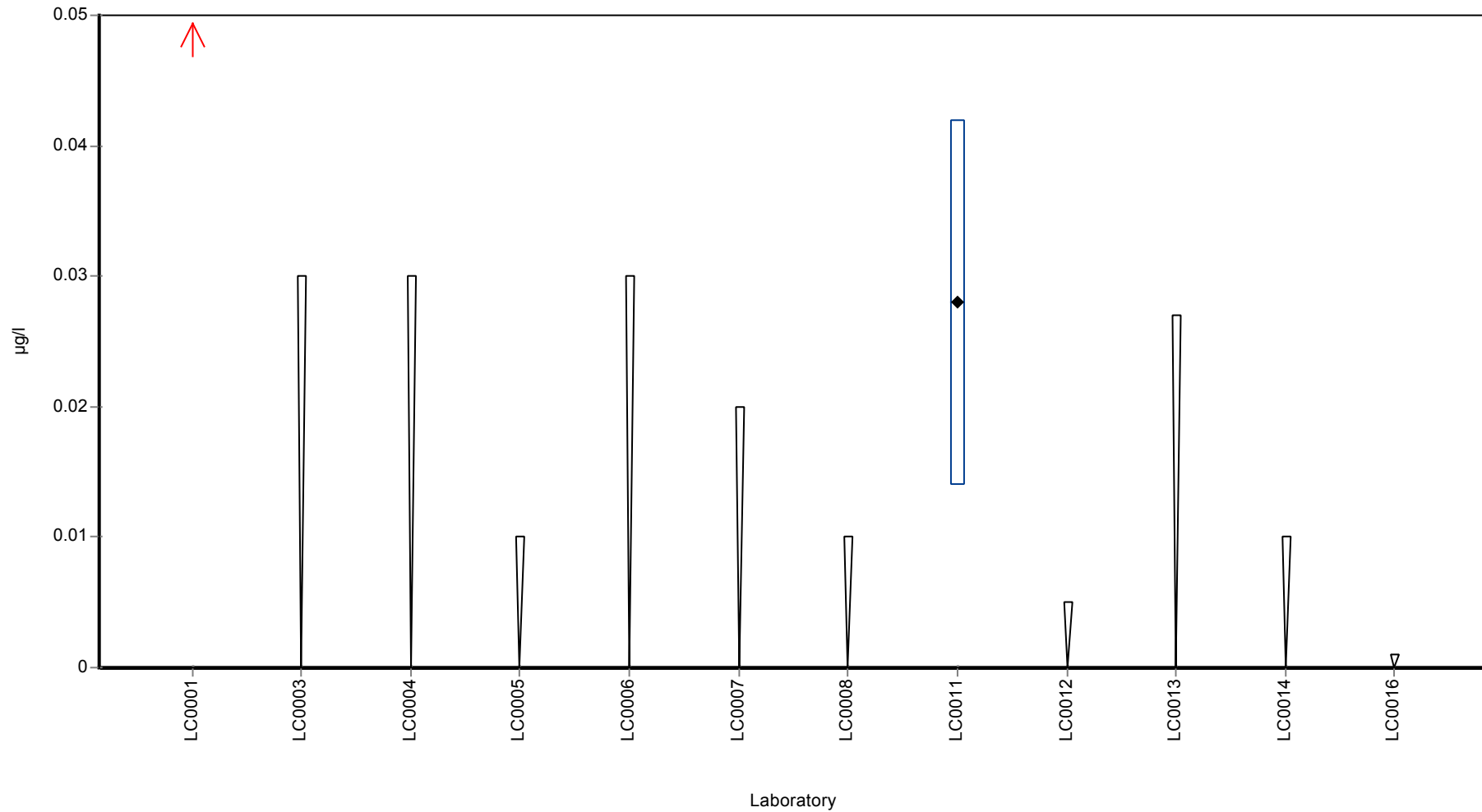
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	40	4	-	-	FP
LC0002	-	-	-	-	
LC0003	< 0.03 (LOQ)	-	-	-	
LC0004	< 0.03 (LOQ)	-	-	-	
LC0005	< 0.01 (LOQ)	-	-	-	
LC0006	< 0.03 (LOQ)	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	< 0.01 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.028	0.014	-	-	
LC0012	< 0.005 (LOQ)	-	-	-	
LC0013	< 0.027 (LOQ)	-	-	-	
LC0014	< 0.01 (LOQ)	-	-	-	
LC0015	-	-	-	-	
LC0016	< 0.001 (LOQ)	-	-	-	
LC0017	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	20 ± 60	-	µg/l
Minimum	0.028	0.028	µg/l
Maximum	40	40	µg/l
Standard deviation	28.3	-	µg/l
rel. Standard deviation	141	-	%
n	2	2	-

Graphical presentation of results

Results



Parameter oriented report

H102 A

Imidacloprid

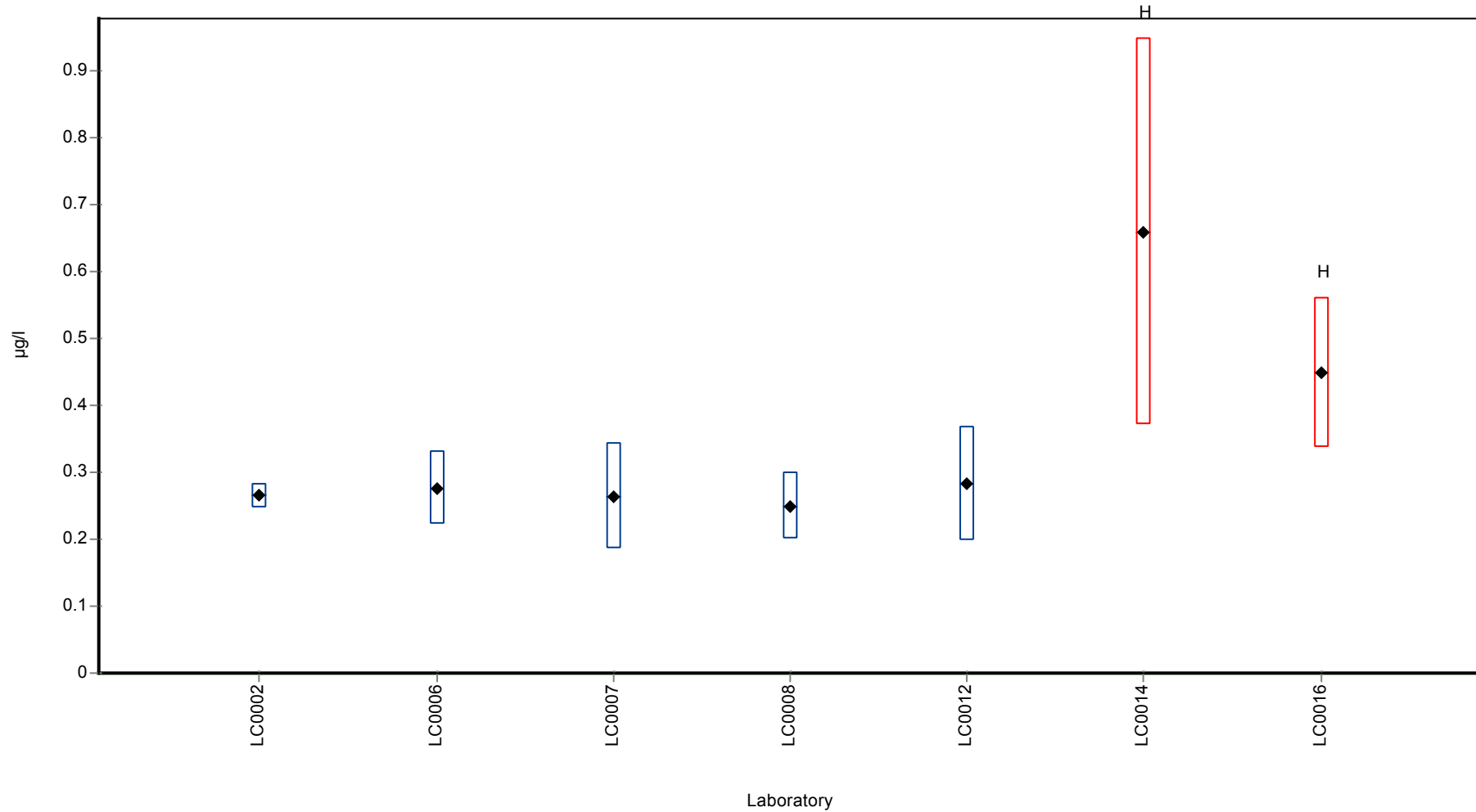
Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.25 - 0.283
Control test value ± U	0.249 ± 0.0374

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.265	0.019	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	0.276	0.055	-	-	
LC0007	0.264	0.0792	-	-	
LC0008	0.25	0.05	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.283	0.0849	-	-	
LC0013	-	-	-	-	
LC0014	0.66	0.29	-	-	H
LC0015	-	-	-	-	
LC0016	0.45	0.1125	-	-	H
LC0017	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.35 ± 0.174	-	µg/l
Minimum	0.25	0.25	µg/l
Maximum	0.66	0.283	µg/l
Standard deviation	0.153	-	µg/l
rel. Standard deviation	43.8	-	%
n	7	5	-

Graphical presentation of results
Results



Parameter oriented report

H102 B

Imidacloprid

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.452 - 0.506
Control test value ± U	0.465 ± 0.0697

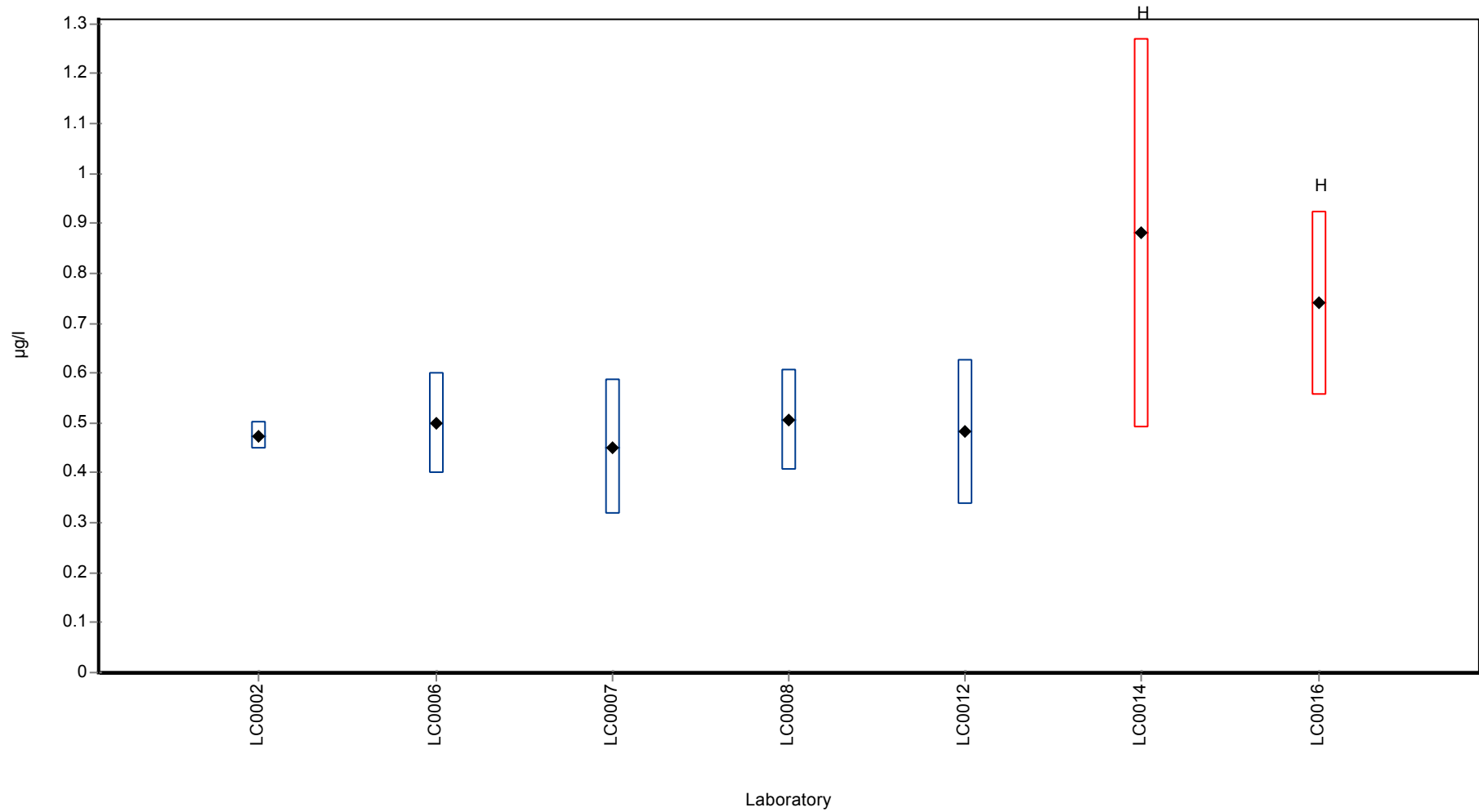
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.474	0.028	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	0.499	0.1	-	-	
LC0007	0.452	0.1356	-	-	
LC0008	0.506	0.101	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.4824	0.1447	-	-	
LC0013	-	-	-	-	
LC0014	0.88	0.39	-	-	H
LC0015	-	-	-	-	
LC0016	0.74	0.185	-	-	H
LC0017	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.576 ± 0.188	-	µg/l
Minimum	0.452	0.452	µg/l
Maximum	0.88	0.506	µg/l
Standard deviation	0.166	-	µg/l
rel. Standard deviation	28.8	-	%
n	7	5	-

Graphical presentation of results

Results



Parameter oriented report

H102 A

Lindane (Gamma-HCH)

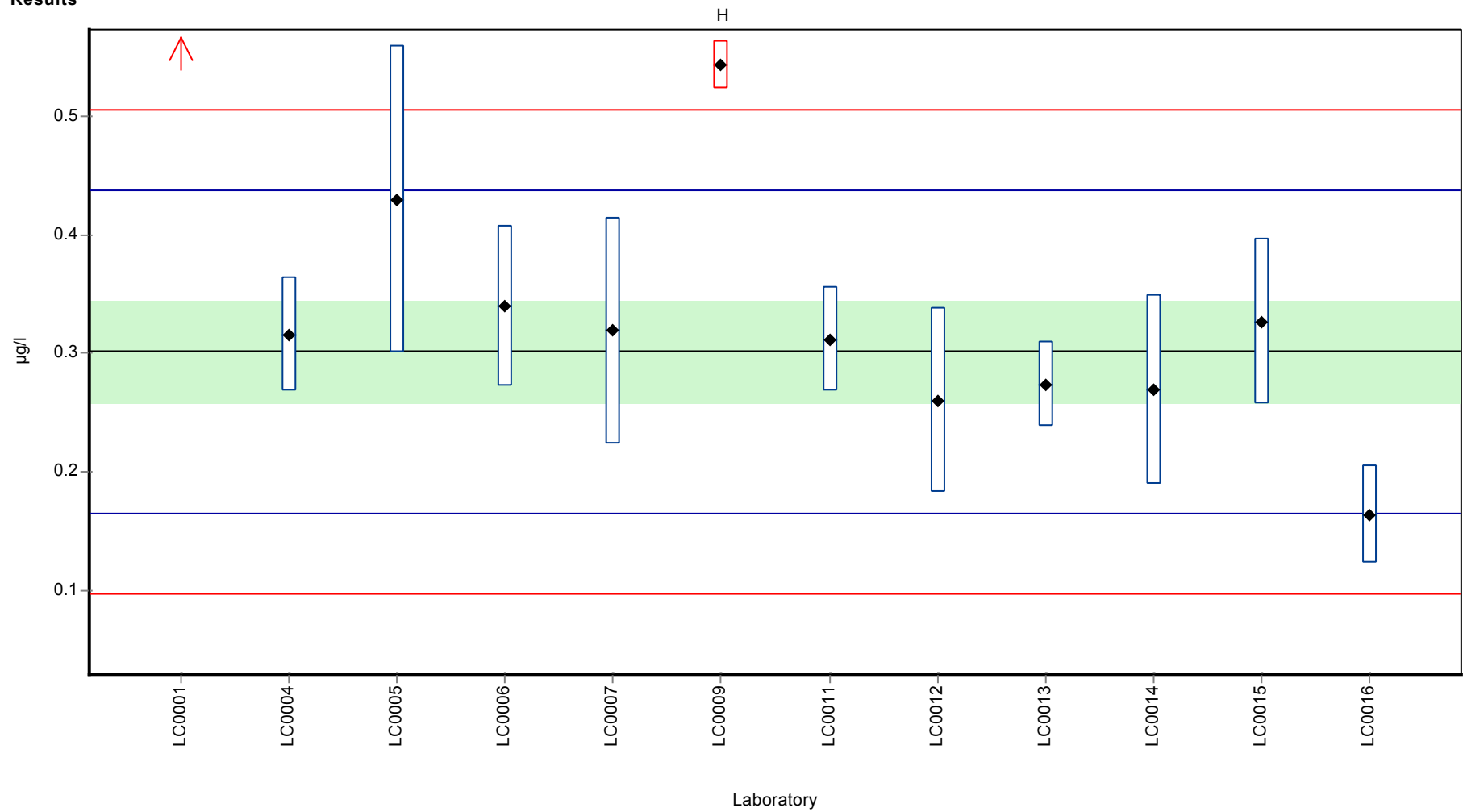
Unit	µg/l
Mean ± CI (99%)	0.301 ± 0.0645
Minimum - Maximum	0.164 - 0.43
Control test value ± U	0.361 ± 0.108

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	88	8.8	29200	1290	H
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.316	0.048	105	0.22	
LC0005	0.43	0.13	143	1.89	
LC0006	0.34	0.068	113	0.57	
LC0007	0.319	0.0957	106	0.26	
LC0008	-	-	-	-	
LC0009	0.543	0.02	180	3.56	H
LC0010	-	-	-	-	
LC0011	0.312	0.044	104	0.16	
LC0012	0.2605	0.0782	86.5	-0.6	
LC0013	0.274	0.036	91	-0.4	
LC0014	0.27	0.08	89.6	-0.46	
LC0015	0.3266	0.07	108	0.37	
LC0016	0.164	0.041	54.4	-2.02	
LC0017	-	-	-	-	

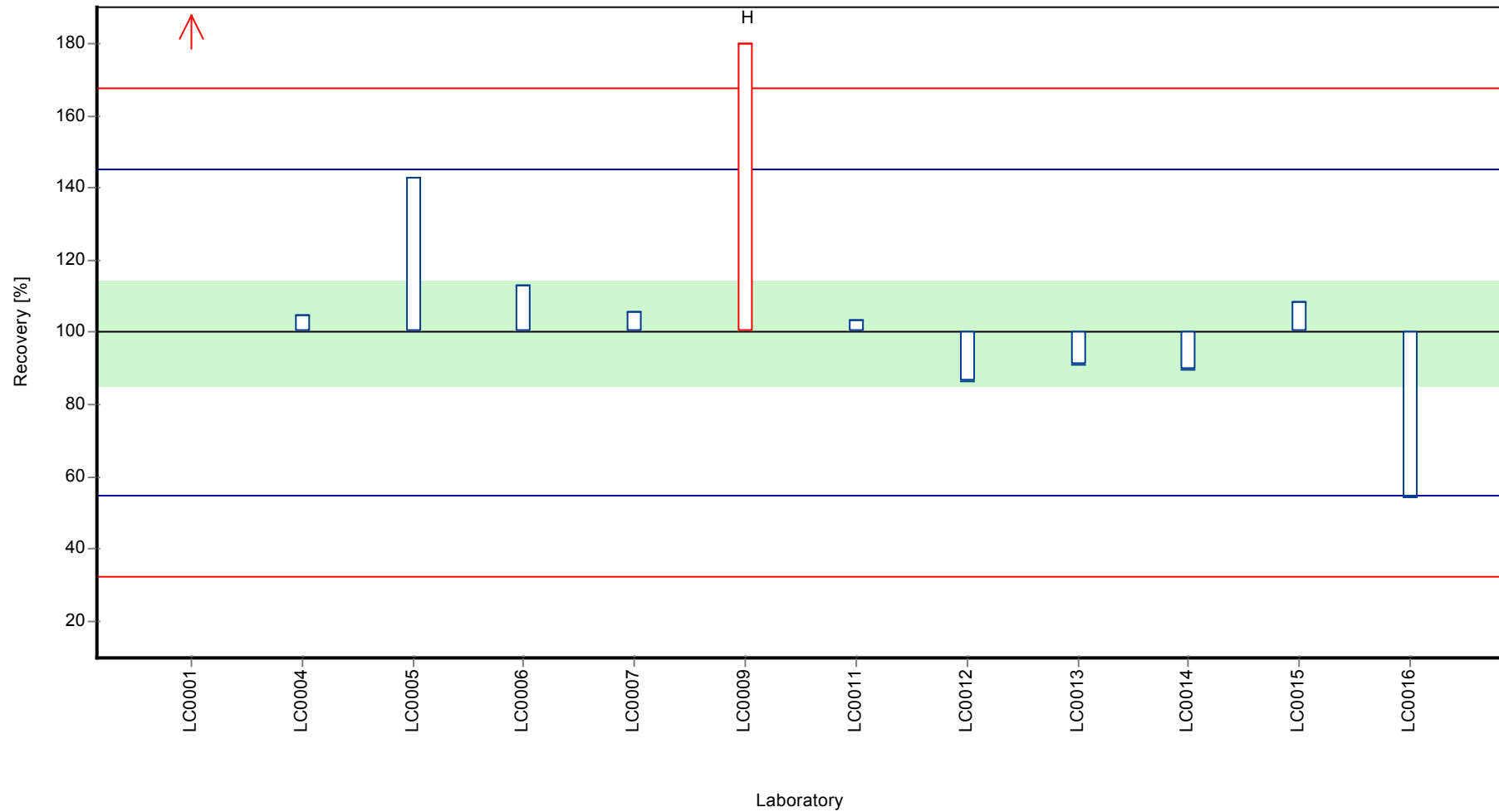
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	7.63 ± 21.9	0.301 ± 0.0645	µg/l
Minimum	0.164	0.164	µg/l
Maximum	88	0.43	µg/l
Standard deviation	25.3	0.068	µg/l
rel. Standard deviation	332	22.6 %	
n	12	10	-

Graphical presentation of results
Results



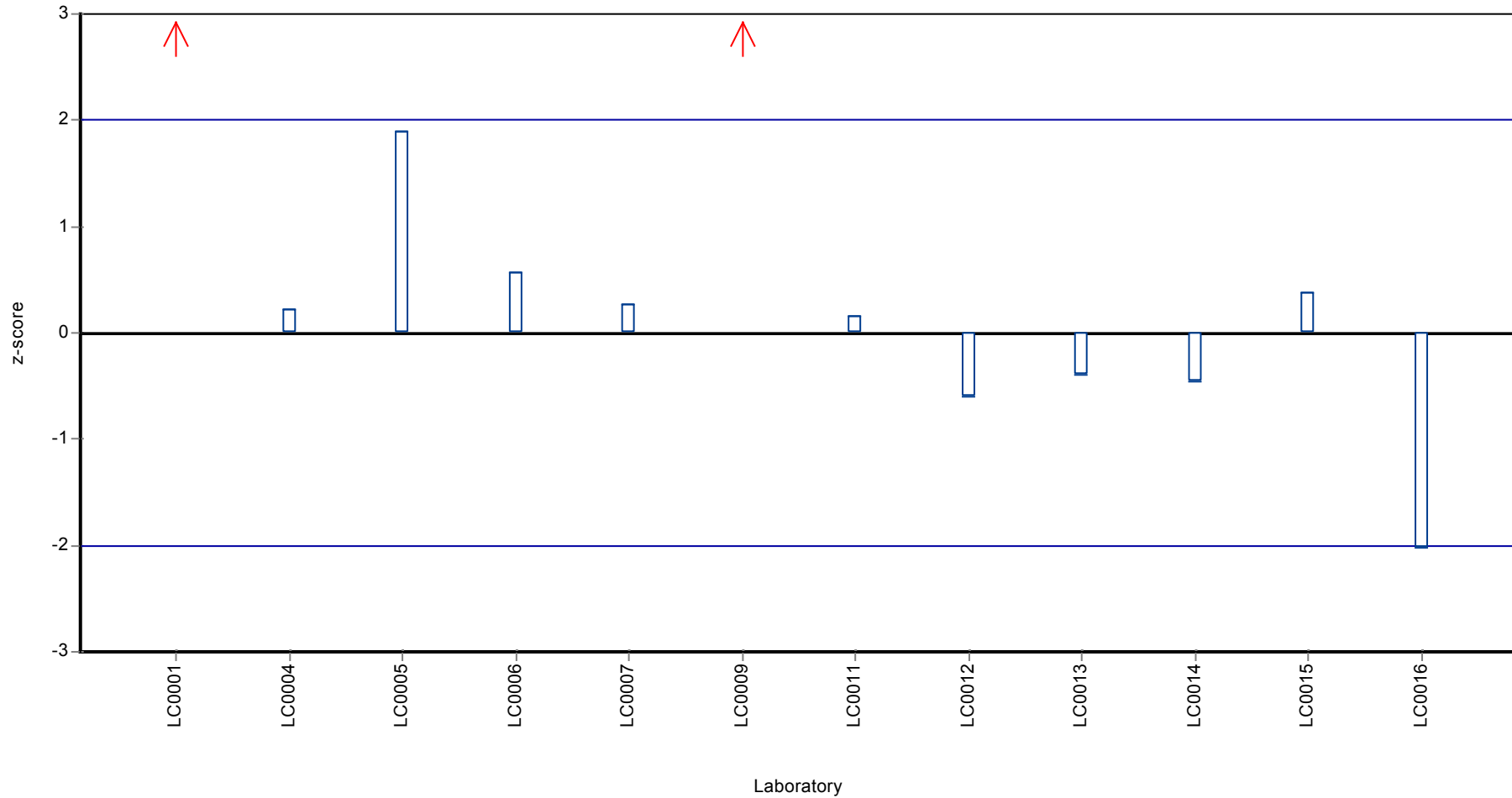
Recovery rate



Parameter oriented report Pesticides H102

Sample: H102A, Parameter: Lindane (Gamma-HCH)

Z-score



Parameter oriented report

H102 B

Lindane (Gamma-HCH)

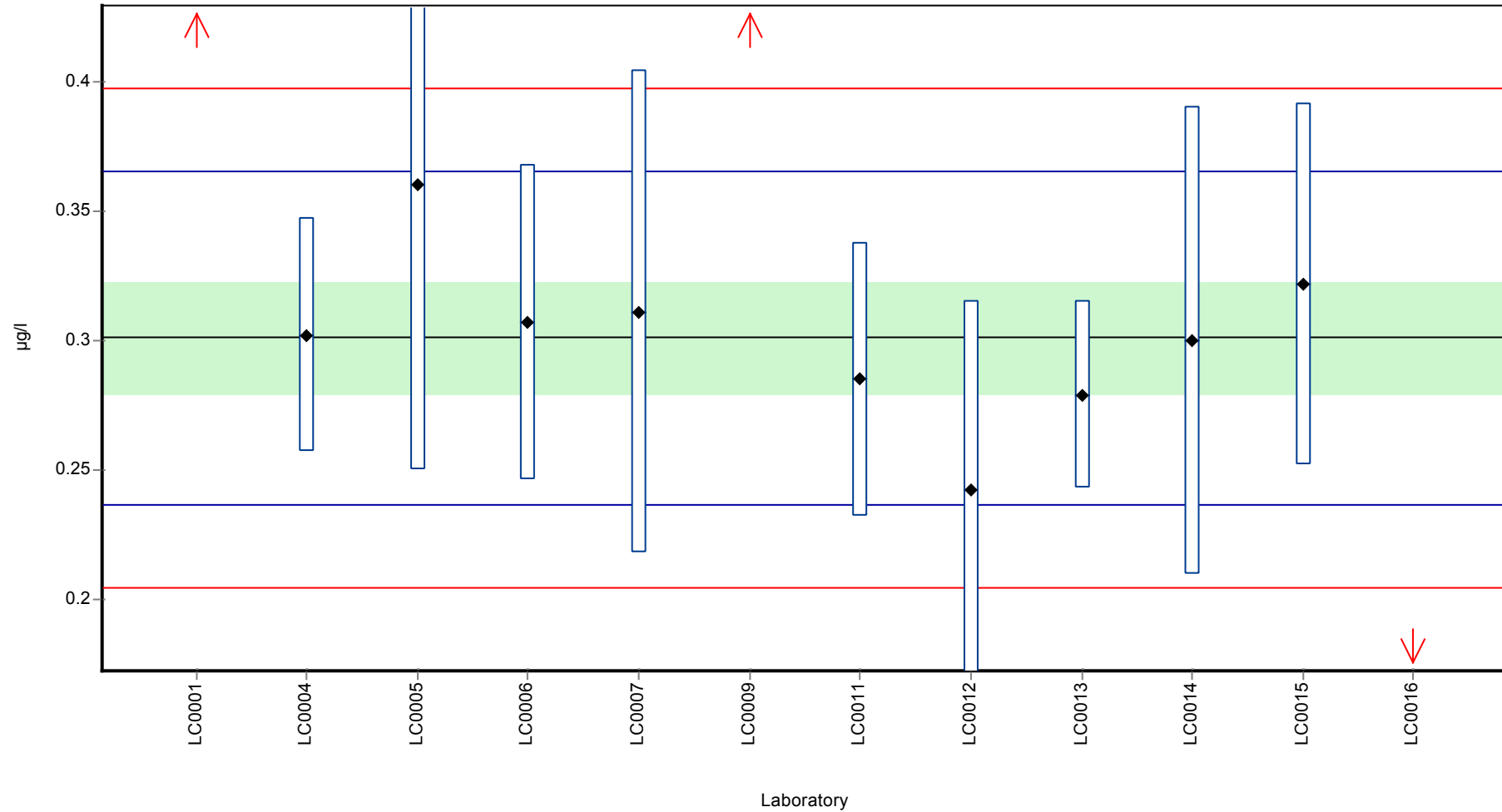
Unit	µg/l
Mean ± CI (99%)	0.301 ± 0.0321
Minimum - Maximum	0.242 - 0.36
Control test value ± U	0.349 ± 0.105

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	79	7.9	26300	2450	H
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.302	0.045	100	0.03	
LC0005	0.36	0.11	120	1.84	
LC0006	0.307	0.061	102	0.19	
LC0007	0.311	0.0933	103	0.32	
LC0008	-	-	-	-	
LC0009	0.5405	0.02	180	7.47	H
LC0010	-	-	-	-	
LC0011	0.285	0.053	94.7	-0.49	
LC0012	0.2423	0.0727	80.5	-1.83	
LC0013	0.279	0.036	92.7	-0.68	
LC0014	0.3	0.09	99.7	-0.03	
LC0015	0.3217	0.07	107	0.65	
LC0016	0.154	0.0385	51.2	-4.58	H
LC0017	-	-	-	-	

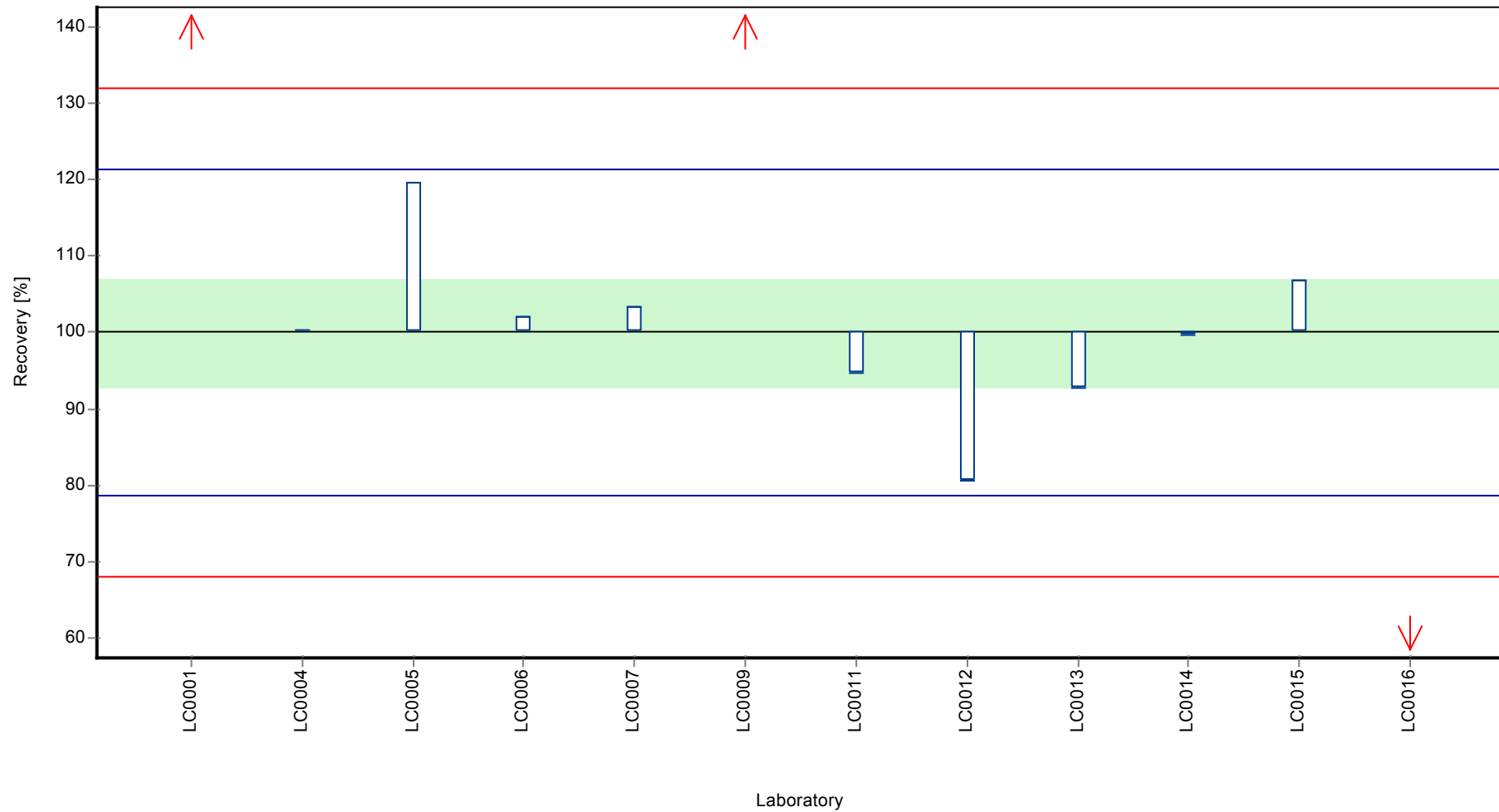
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	6.87 ± 19.7	0.301 ± 0.0321	µg/l
Minimum	0.154	0.242	µg/l
Maximum	79	0.36	µg/l
Standard deviation	22.7	0.0321	µg/l
rel. Standard deviation	331	10.7 %	
n	12	9	-

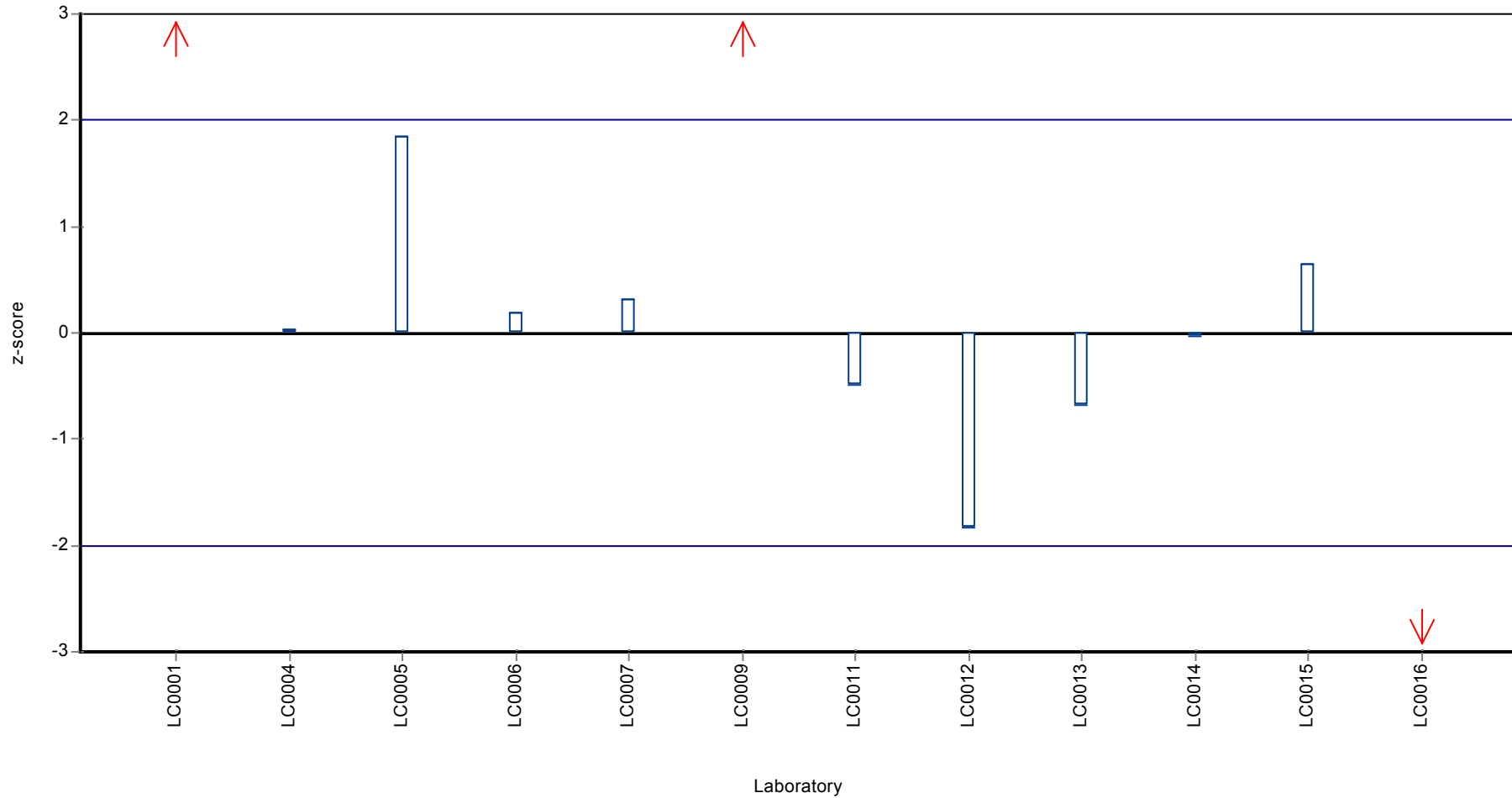
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H102 A

Nitenpyram

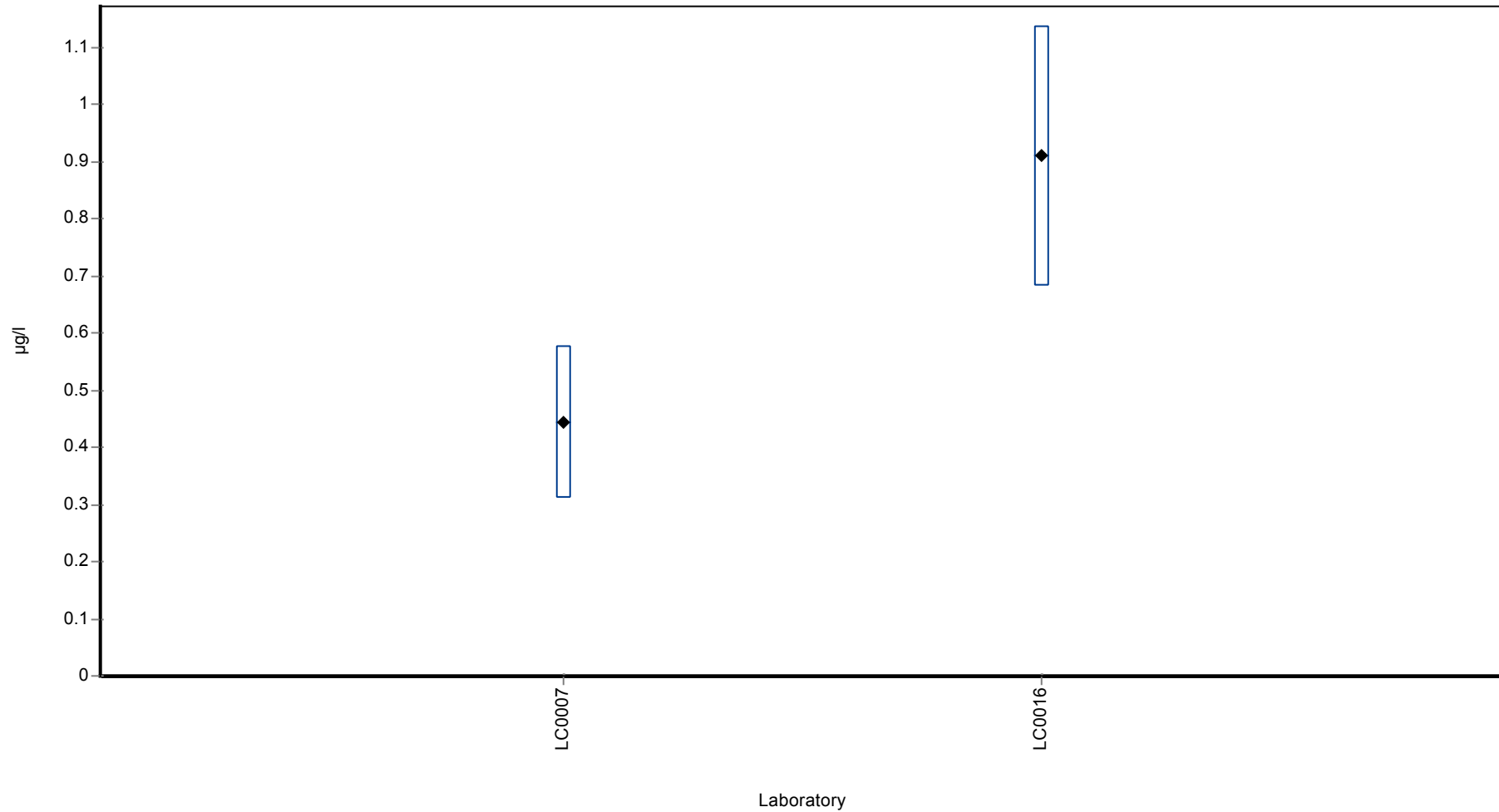
Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.443 - 0.91
Control test value ± U	0.675 ± 0.101

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	0.443	0.1329	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.91	0.2275	-	-	
LC0017	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.676 ± 0.701	-	µg/l
Minimum	0.443	0.443	µg/l
Maximum	0.91	0.91	µg/l
Standard deviation	0.33	-	µg/l
rel. Standard deviation	48.8	-	%
n	2	2	-

Graphical presentation of results
Results



Parameter oriented report

H102 B

Nitenpyram

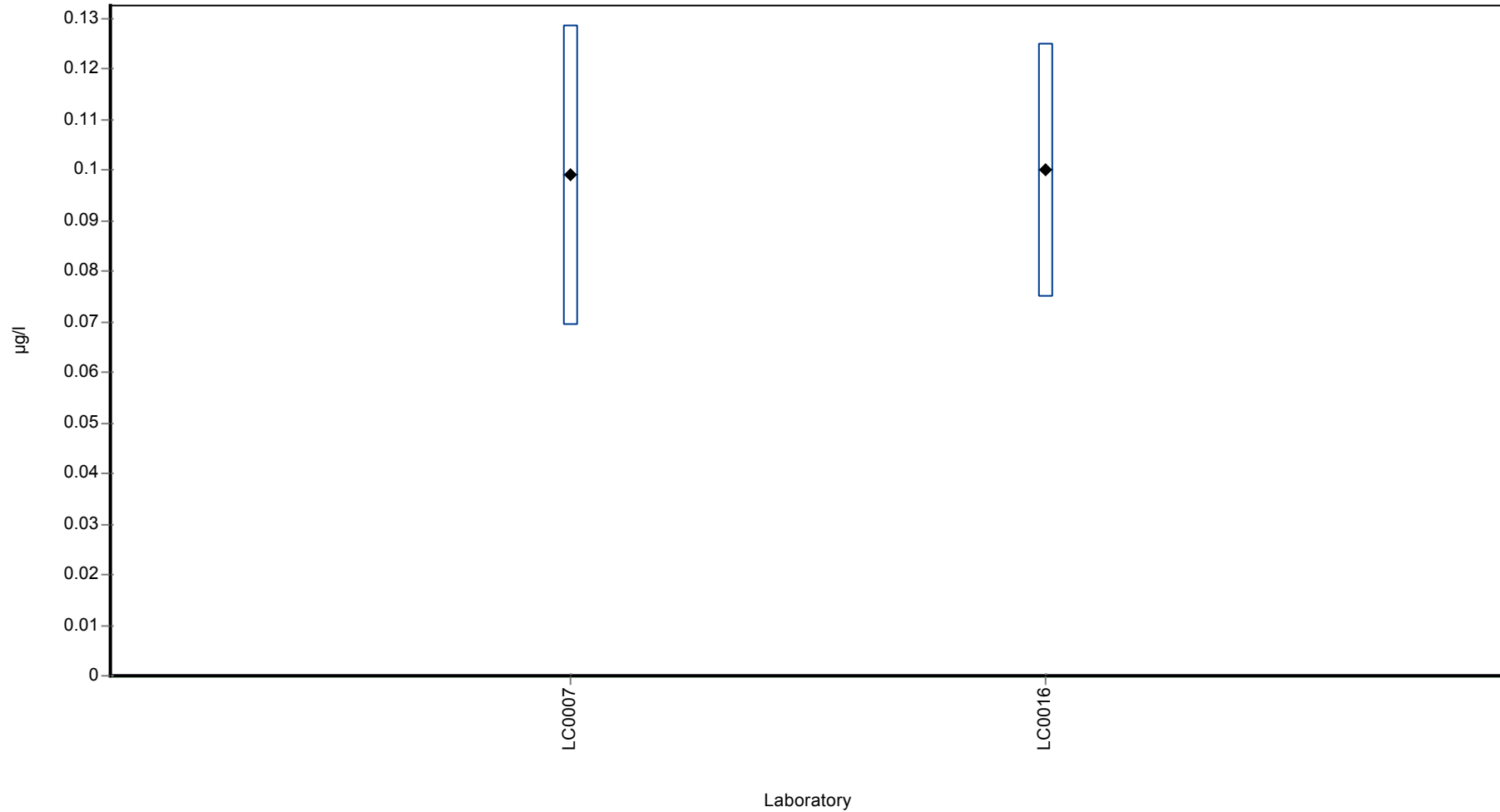
Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.099 - 0.1
Control test value ± U	0.142 ± 0.0212

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	0.099	0.0297	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.1	0.025	-	-	
LC0017	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.0995 ± 0.0015	-	µg/l
Minimum	0.099	0.099	µg/l
Maximum	0.1	0.1	µg/l
Standard deviation	0.000707	-	µg/l
rel. Standard deviation	0.711	-	%
n	2	2	-

Graphical presentation of results
Results



Parameter oriented report

H102 A

Prometryn

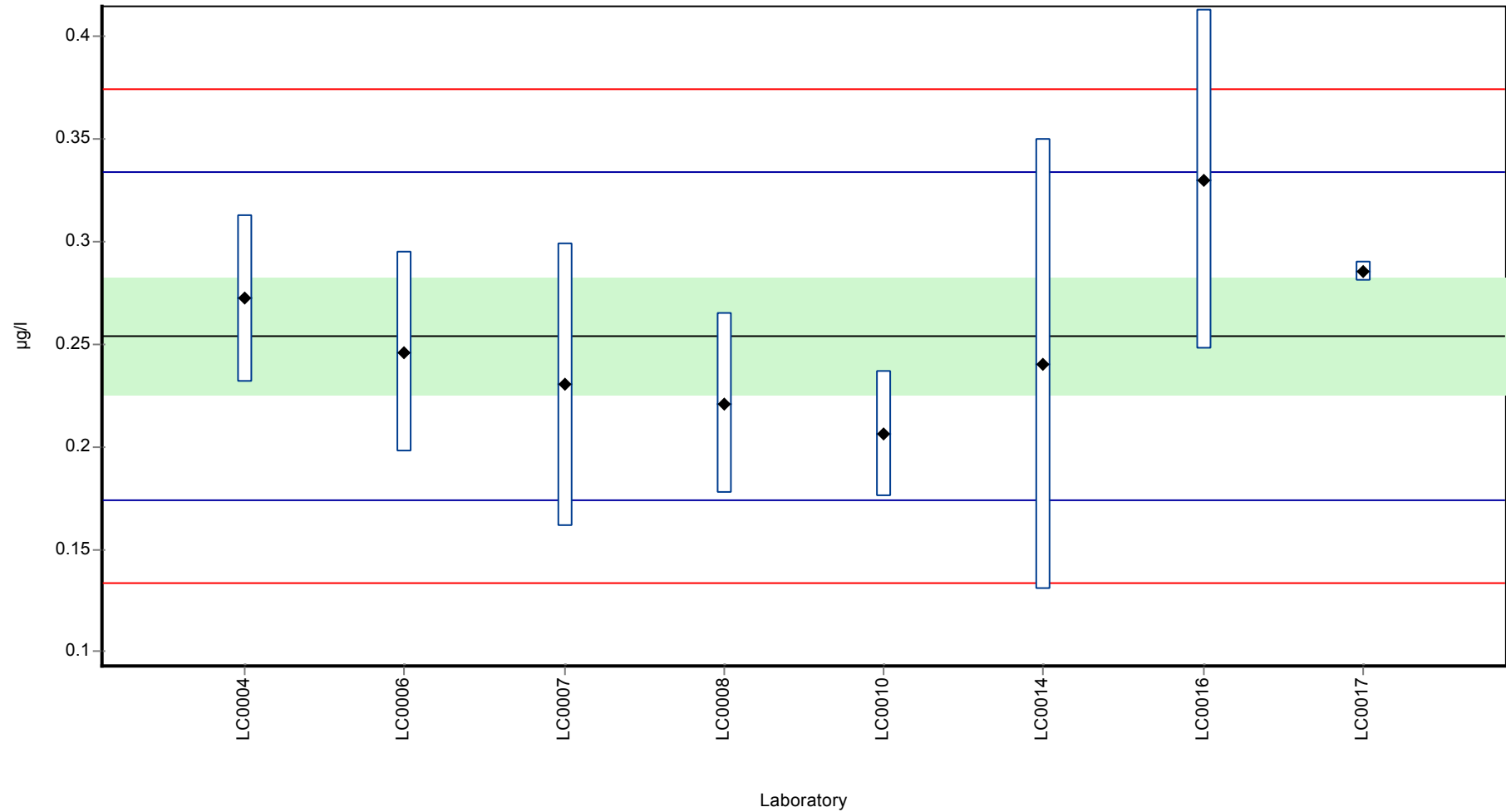
Unit	µg/l
Mean ± CI (99%)	0.254 ± 0.0426
Minimum - Maximum	0.206 - 0.33
Control test value ± U	0.240 ± 0.0361

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.272	0.041	107	0.45	
LC0005	-	-	-	-	
LC0006	0.246	0.049	96.9	-0.19	
LC0007	0.23	0.069	90.6	-0.59	
LC0008	0.221	0.044	87.1	-0.81	
LC0009	-	-	-	-	
LC0010	0.206	0.0309	81.2	-1.19	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	0.24	0.11	94.6	-0.34	
LC0015	-	-	-	-	
LC0016	0.33	0.0825	130	1.9	
LC0017	0.285	0.005	112	0.78	

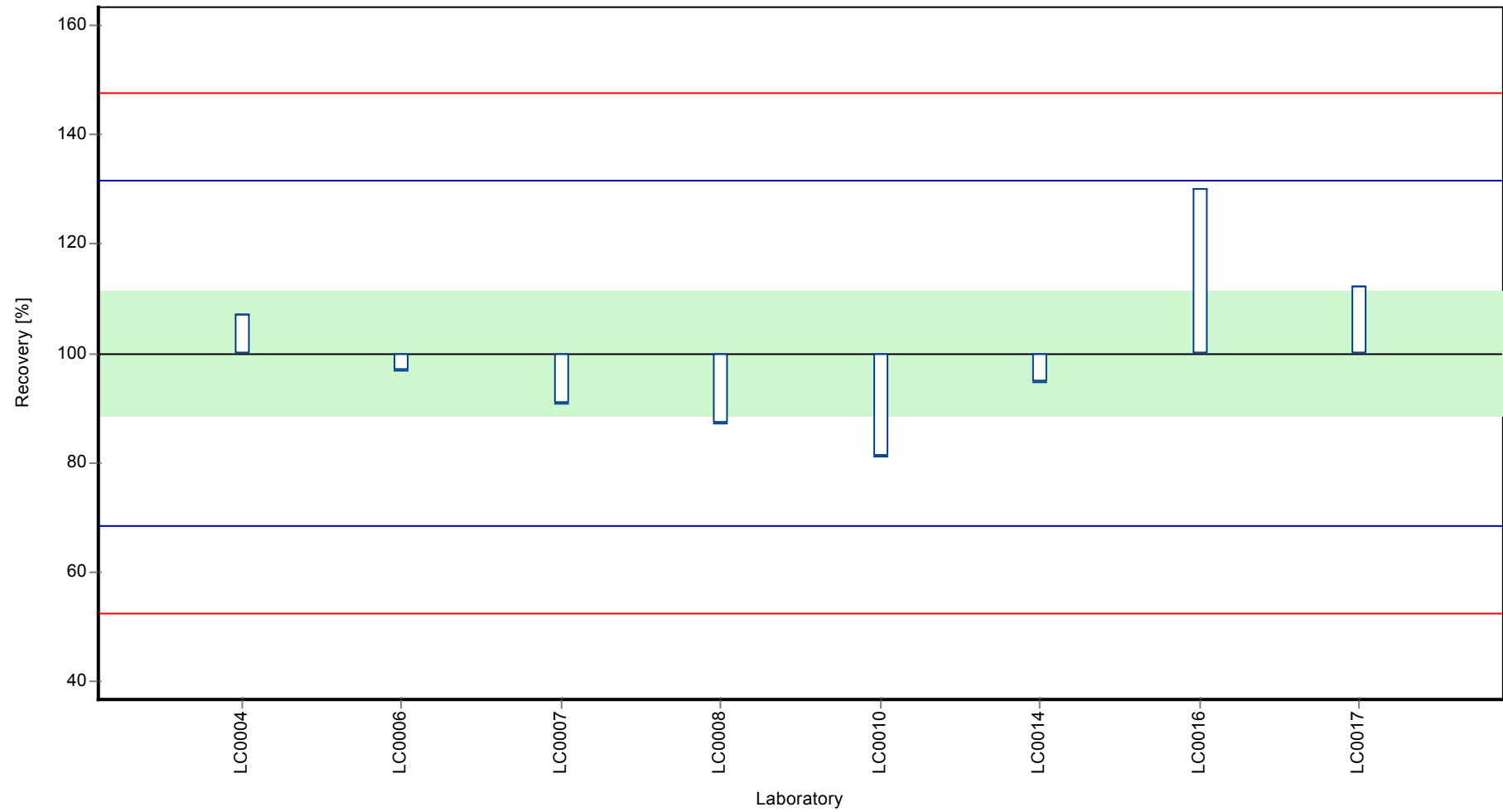
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.254 ± 0.0426	0.254 ± 0.0426	µg/l
Minimum	0.206	0.206	µg/l
Maximum	0.33	0.33	µg/l
Standard deviation	0.0402	0.0402	µg/l
rel. Standard deviation	15.8	15.8	%
n	8	8	-

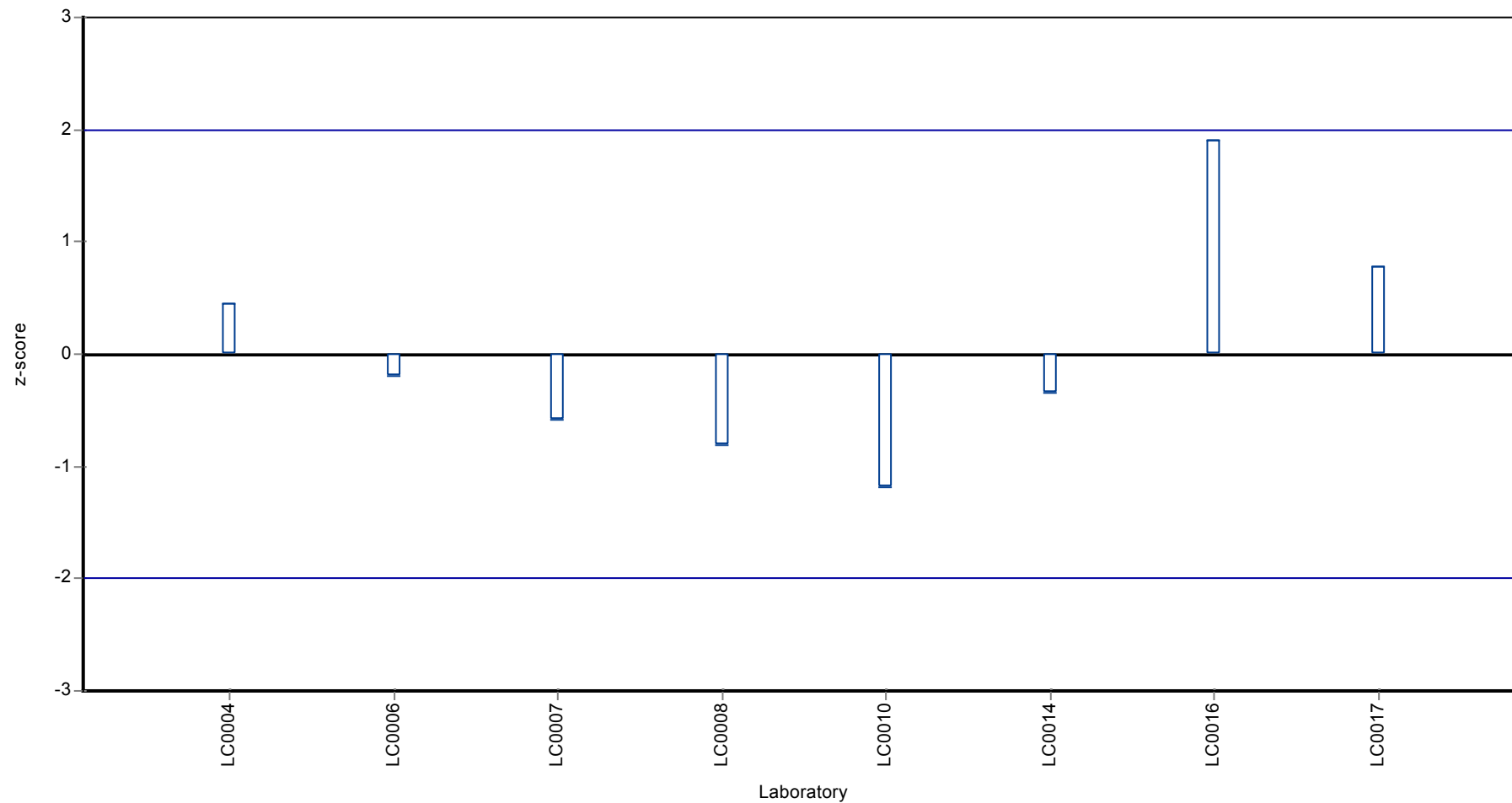
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H102 B

Prometryn

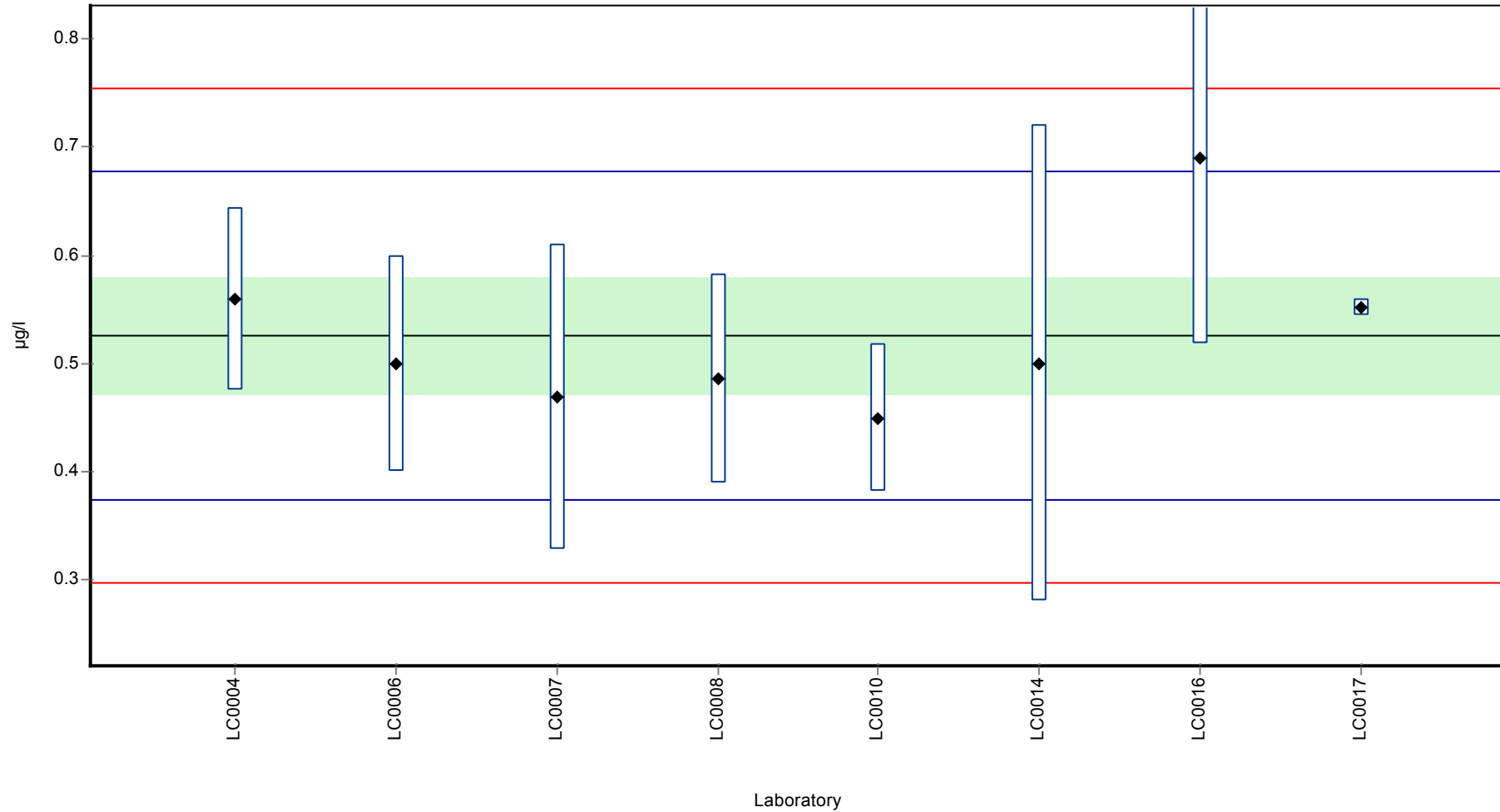
Unit	µg/l
Mean ± CI (99%)	0.526 ± 0.0809
Minimum - Maximum	0.45 - 0.69
Control test value ± U	0.494 ± 0.074

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.56	0.084	106	0.45	
LC0005	-	-	-	-	
LC0006	0.5	0.1	95.1	-0.34	
LC0007	0.469	0.1407	89.2	-0.75	
LC0008	0.486	0.097	92.4	-0.52	
LC0009	-	-	-	-	
LC0010	0.45	0.0675	85.6	-0.99	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	0.5	0.22	95.1	-0.34	
LC0015	-	-	-	-	
LC0016	0.69	0.1725	131	2.15	
LC0017	0.552	0.007	105	0.34	

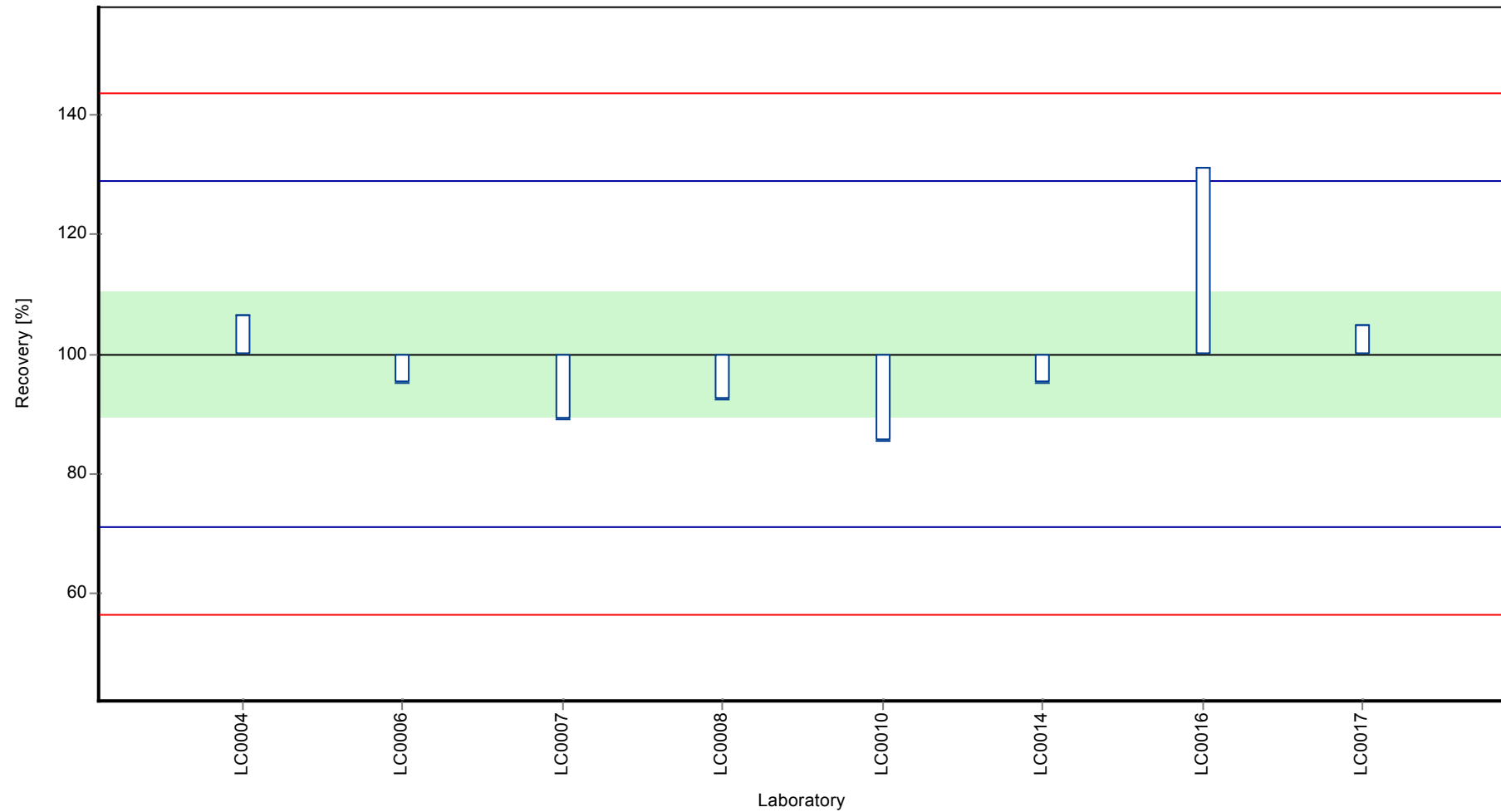
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.526 ± 0.0809	0.526 ± 0.0809	µg/l
Minimum	0.45	0.45	µg/l
Maximum	0.69	0.69	µg/l
Standard deviation	0.0763	0.0763	µg/l
rel. Standard deviation	14.5	14.5 %	
n	8	8	-

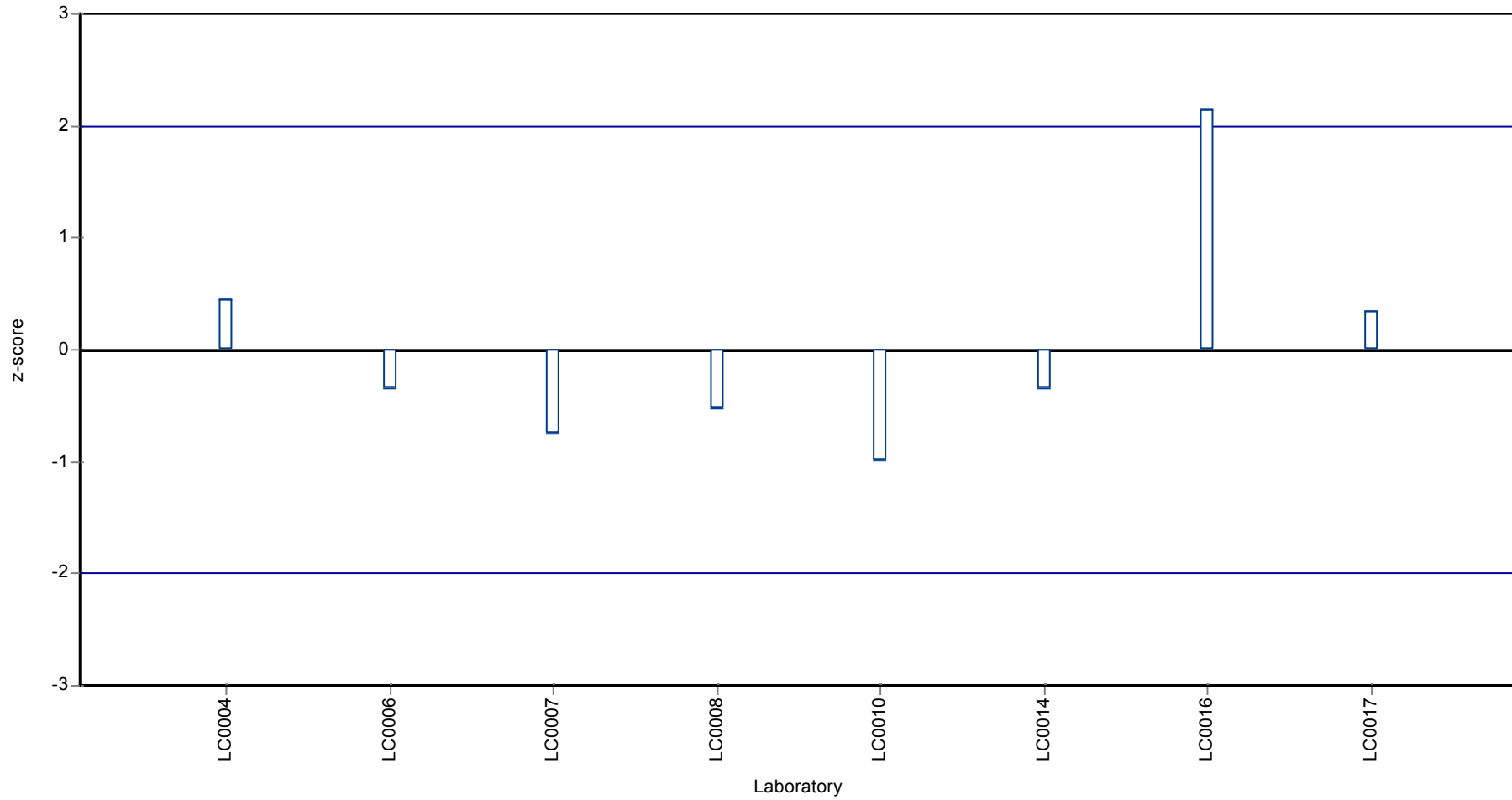
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H102 A

Propazine

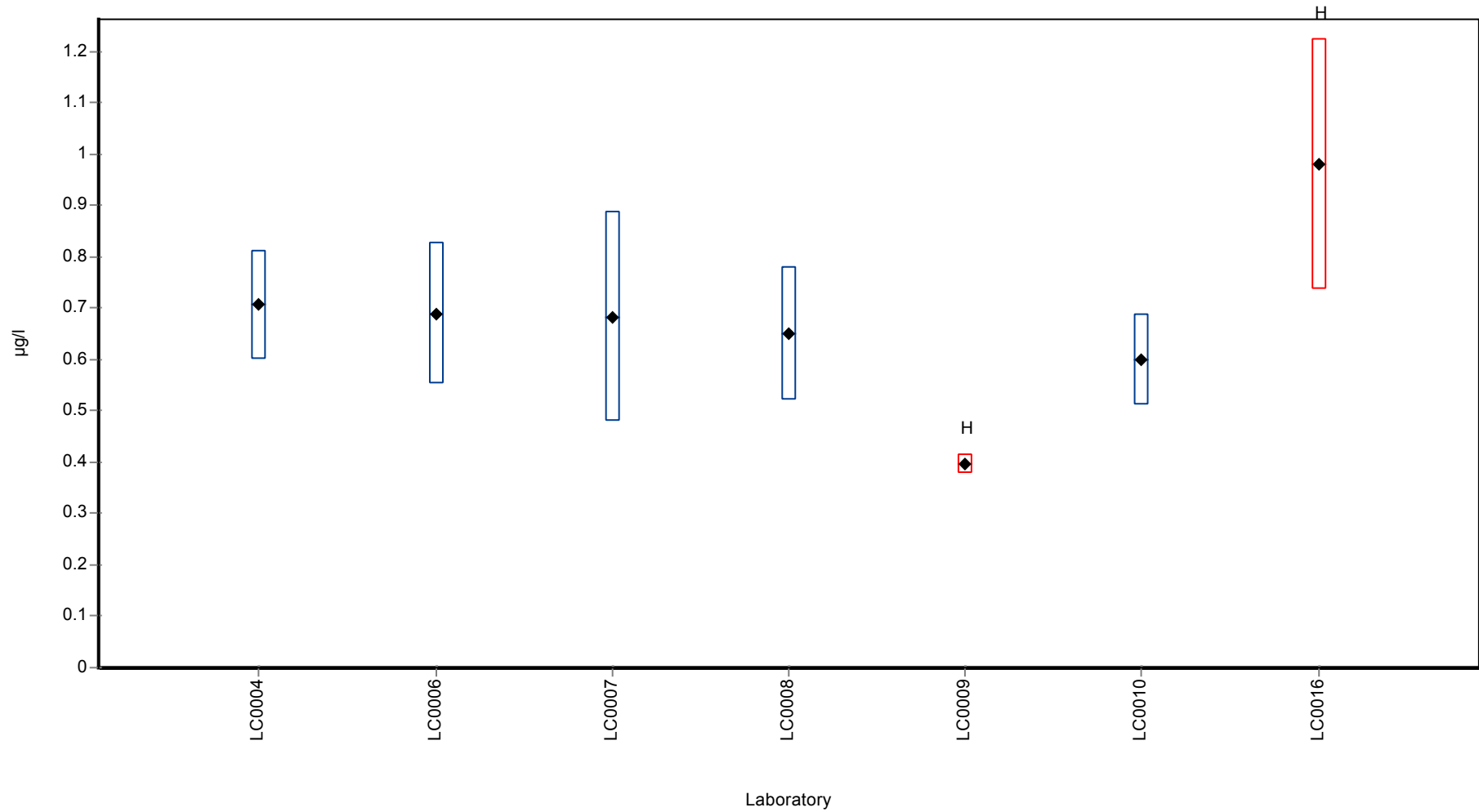
Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.6 - 0.707
Control test value ± U	0.717 ± 0.108

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.707	0.106	-	-	
LC0005	-	-	-	-	
LC0006	0.69	0.138	-	-	
LC0007	0.683	0.2049	-	-	
LC0008	0.65	0.13	-	-	
LC0009	0.3966	0.02	-	-	H
LC0010	0.6	0.09	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.98	0.245	-	-	H
LC0017	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.672 ± 0.195	-	µg/l
Minimum	0.397	0.6	µg/l
Maximum	0.98	0.707	µg/l
Standard deviation	0.172	-	µg/l
rel. Standard deviation	25.6	-	%
n	7	5	-

Graphical presentation of results
Results



Parameter oriented report

H102 B

Propazine

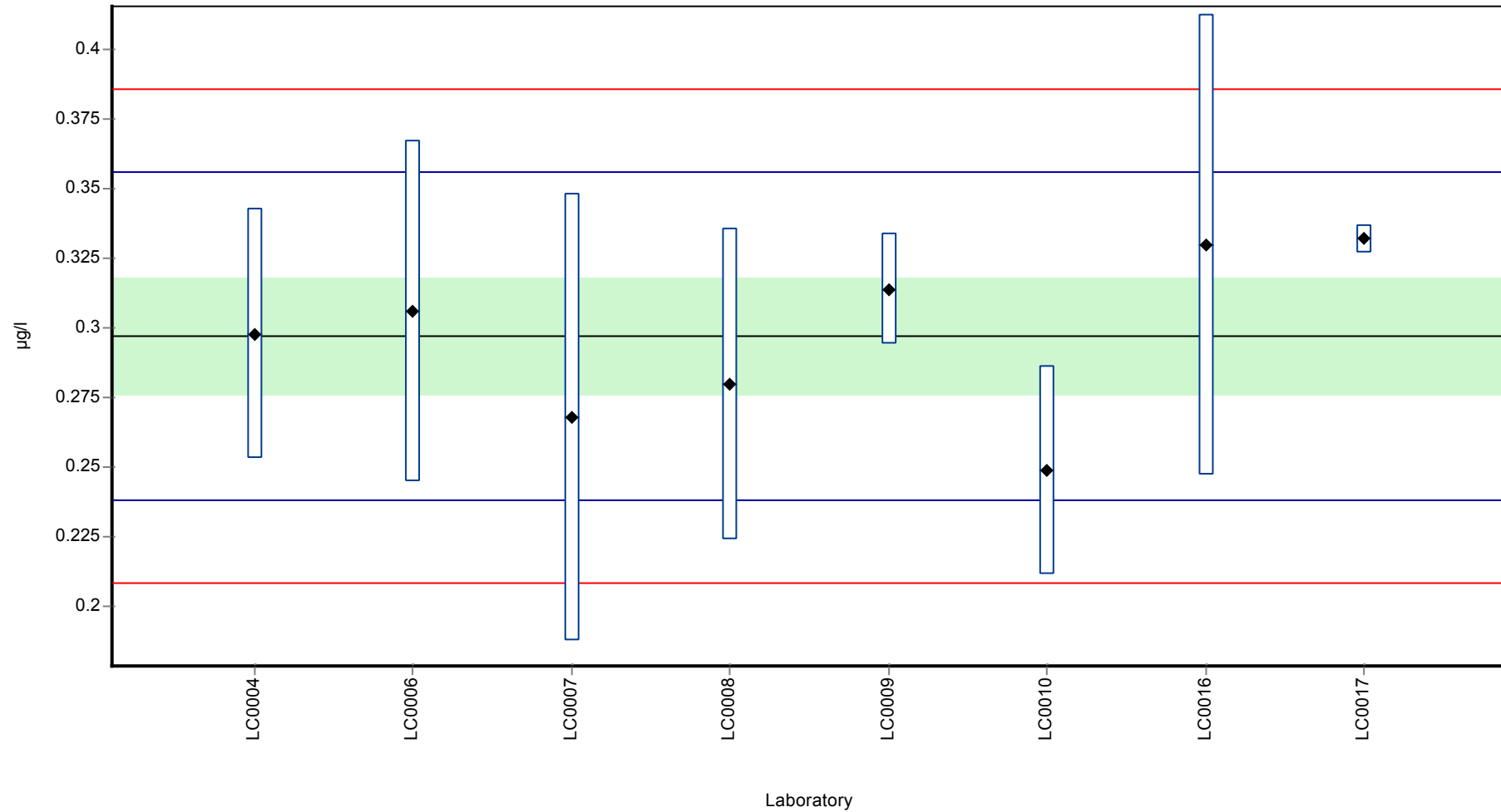
Unit	µg/l
Mean ± CI (99%)	0.297 ± 0.0314
Minimum - Maximum	0.249 - 0.332
Control test value ± U	0.289 ± 0.0433

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.298	0.045	100	0.03	
LC0005	-	-	-	-	
LC0006	0.306	0.061	103	0.3	
LC0007	0.268	0.0804	90.2	-0.98	
LC0008	0.28	0.056	94.2	-0.58	
LC0009	0.314	0.02	106	0.57	
LC0010	0.249	0.03735	83.8	-1.63	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.33	0.0825	111	1.11	
LC0017	0.332	0.005	112	1.18	

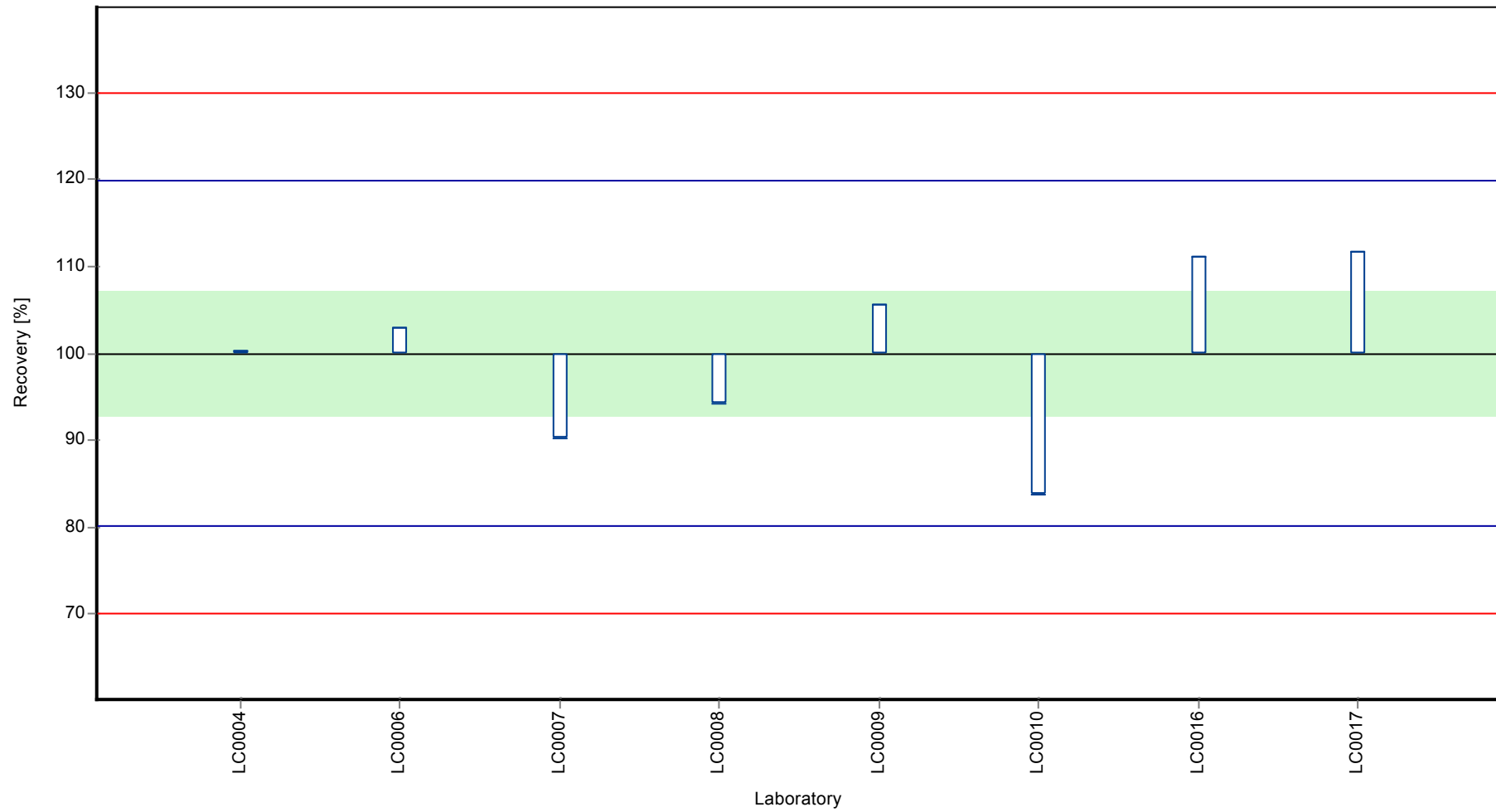
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.297 ± 0.0314	0.297 ± 0.0314	µg/l
Minimum	0.249	0.249	µg/l
Maximum	0.332	0.332	µg/l
Standard deviation	0.0296	0.0296	µg/l
rel. Standard deviation	9.95	9.95	%
n	8	8	-

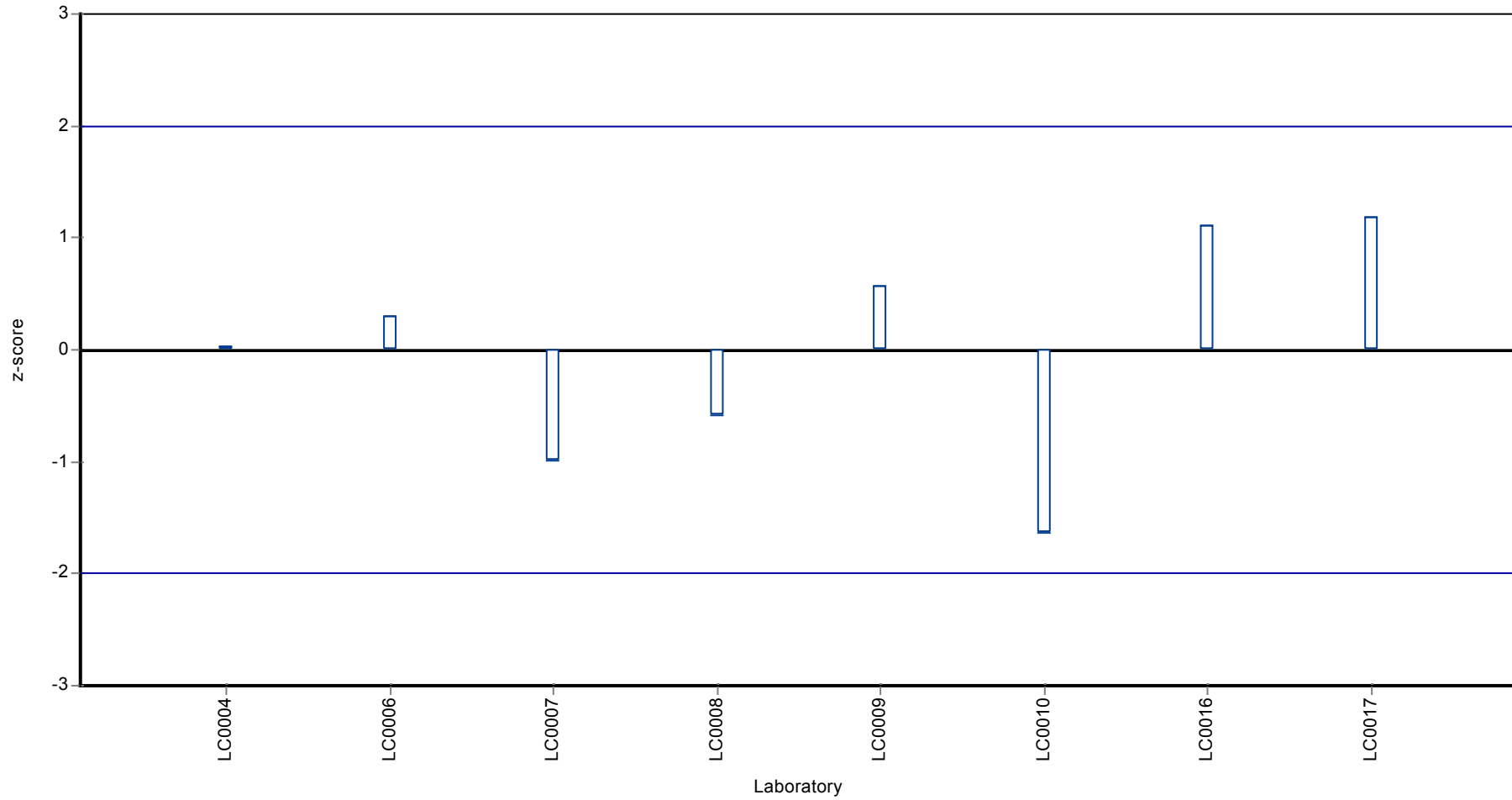
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H102 A

Sum Chlordane

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.056 - 0.129
Control test value ± U	0.0988 ± 0.0297

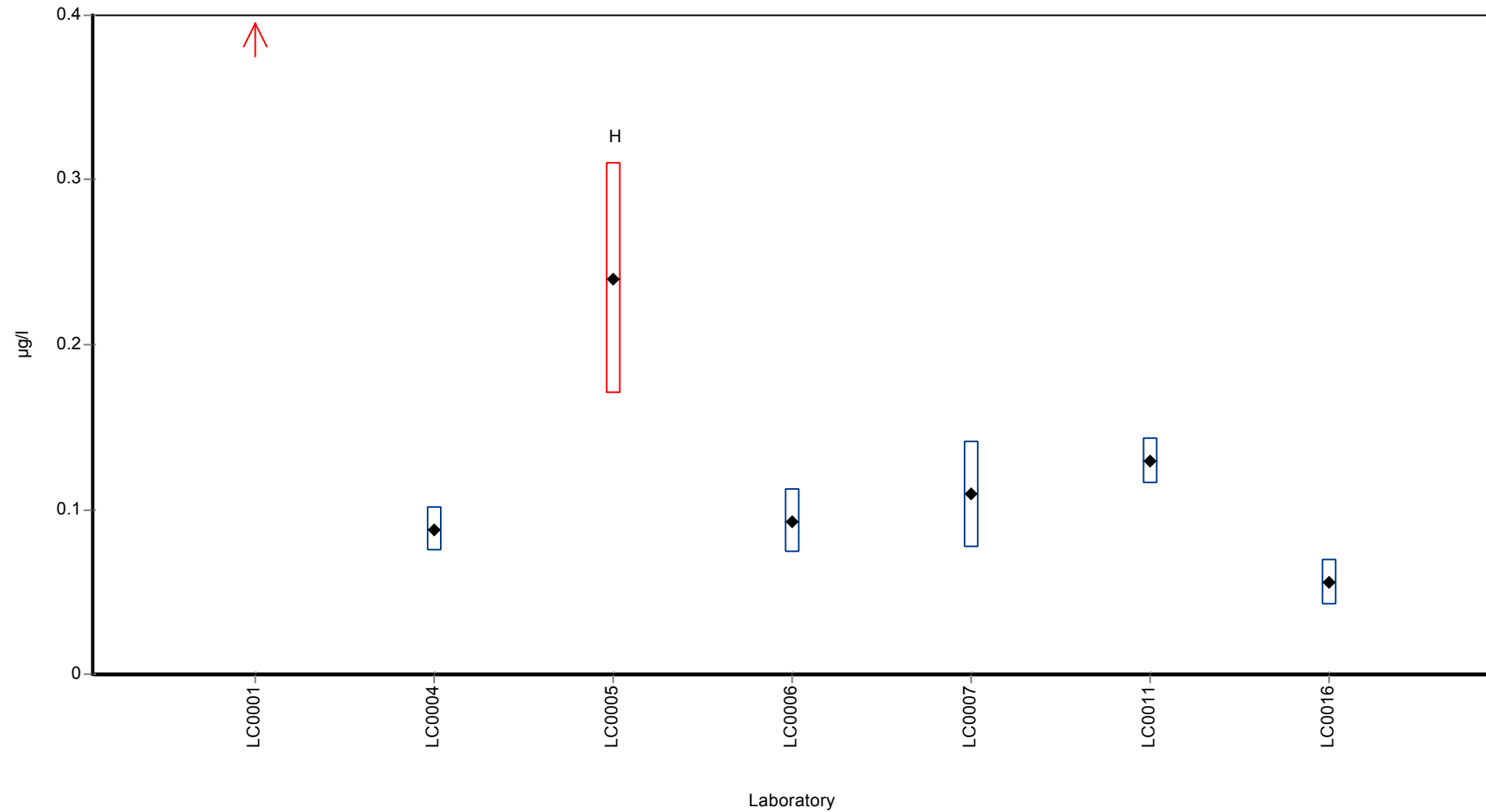
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	34	3.4	-	-	H
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.088	0.013	-	-	
LC0005	0.24	0.07	-	-	H
LC0006	0.093	0.019	-	-	
LC0007	0.109	0.0327	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.129	0.014	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.056	0.014	-	-	
LC0017	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	4.96 ± 14.5	-	µg/l
Minimum	0.056	0.056	µg/l
Maximum	34	0.129	µg/l
Standard deviation	12.8	-	µg/l
rel. Standard deviation	258	-	%
n	7	5	-

Graphical presentation of results

Results



Parameter oriented report

H102 B

Sum Chlordane

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.134 - 0.307
Control test value ± U	0.299 ± 0.0898

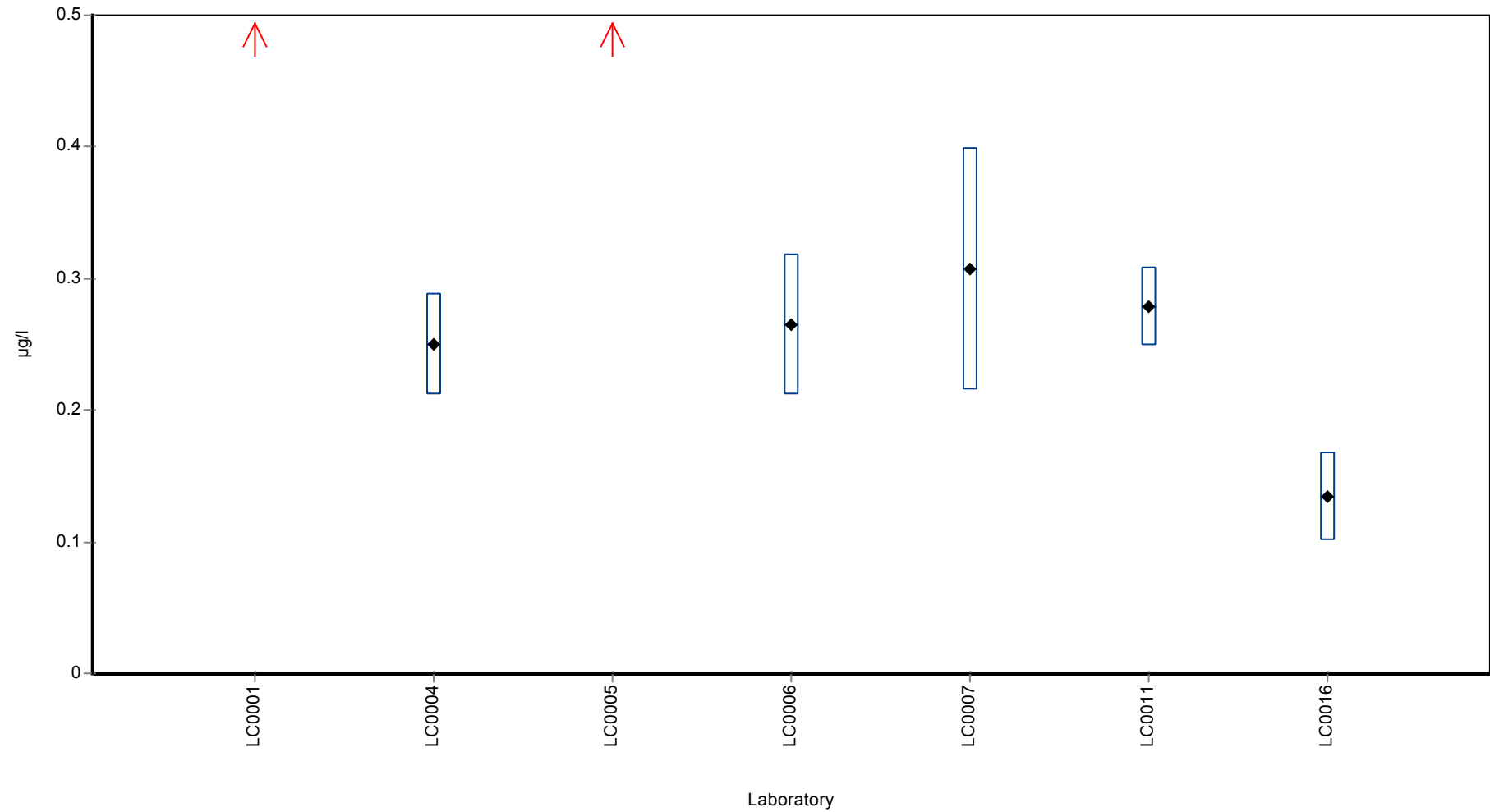
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	169	16.9	-	-	H
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.25	0.038	-	-	
LC0005	0.65	0.2	-	-	H
LC0006	0.265	0.053	-	-	
LC0007	0.307	0.0921	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.279	0.03	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.134	0.0335	-	-	
LC0017	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	24.4 ± 72.3	-	µg/l
Minimum	0.134	0.134	µg/l
Maximum	169	0.307	µg/l
Standard deviation	63.8	-	µg/l
rel. Standard deviation	261	-	%
n	7	5	-

Graphical presentation of results

Results



Parameter oriented report

H102 A

Sum DDD

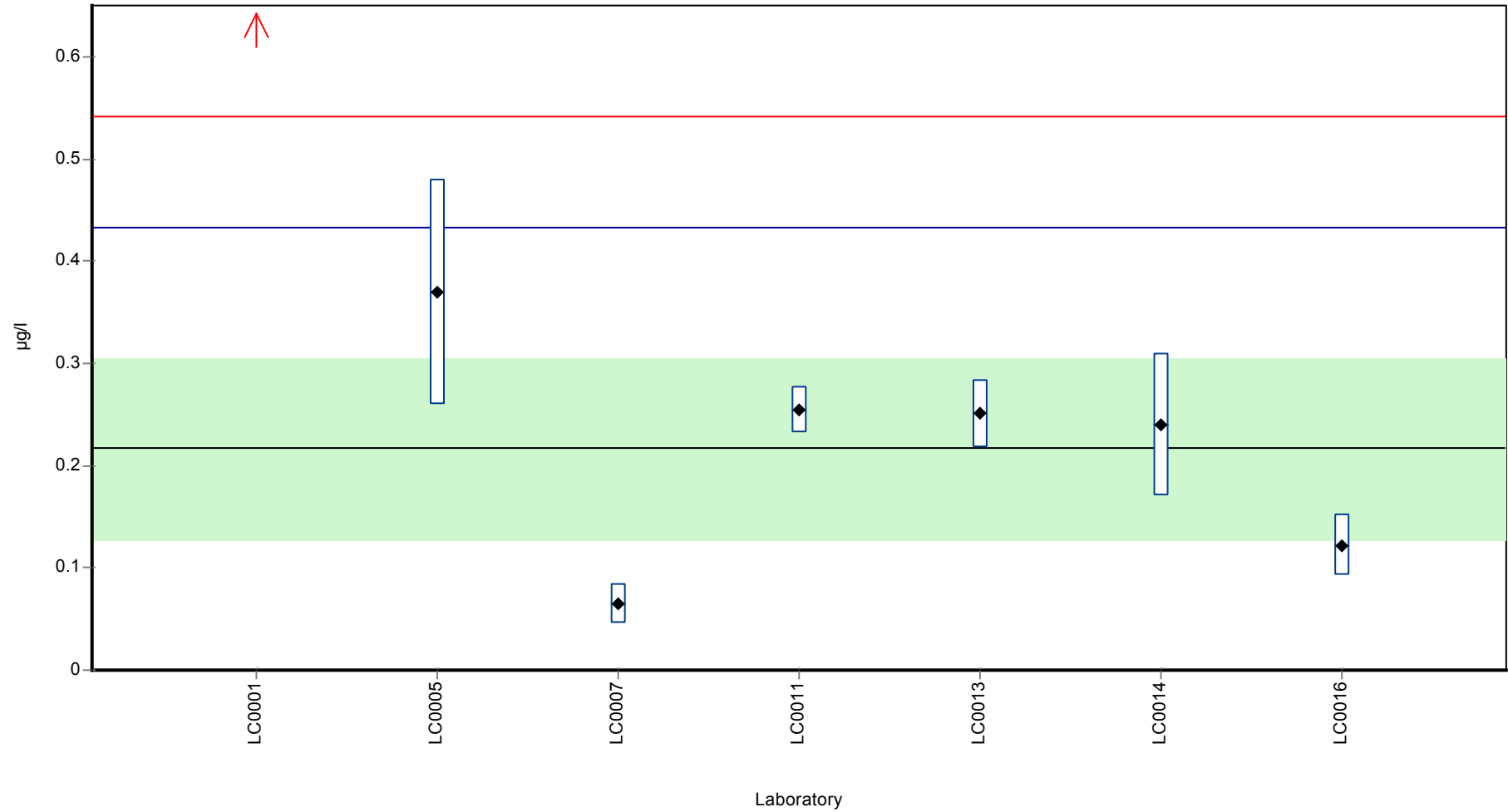
Unit	µg/l
Mean ± CI (99%)	0.217 ± 0.133
Minimum - Maximum	0.065 - 0.37
Control test value ± U	0.222 ± 0.0666

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	136	13.6	62600	1250	H
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	0.37	0.11	170	1.41	
LC0006	-	-	-	-	
LC0007	0.065	0.0195	29.9	-1.41	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.255	0.023	117	0.35	
LC0012	-	-	-	-	
LC0013	0.251	0.033	116	0.31	
LC0014	0.24	0.07	110	0.21	
LC0015	-	-	-	-	
LC0016	0.1223	0.03058	56.3	-0.88	
LC0017	-	-	-	-	

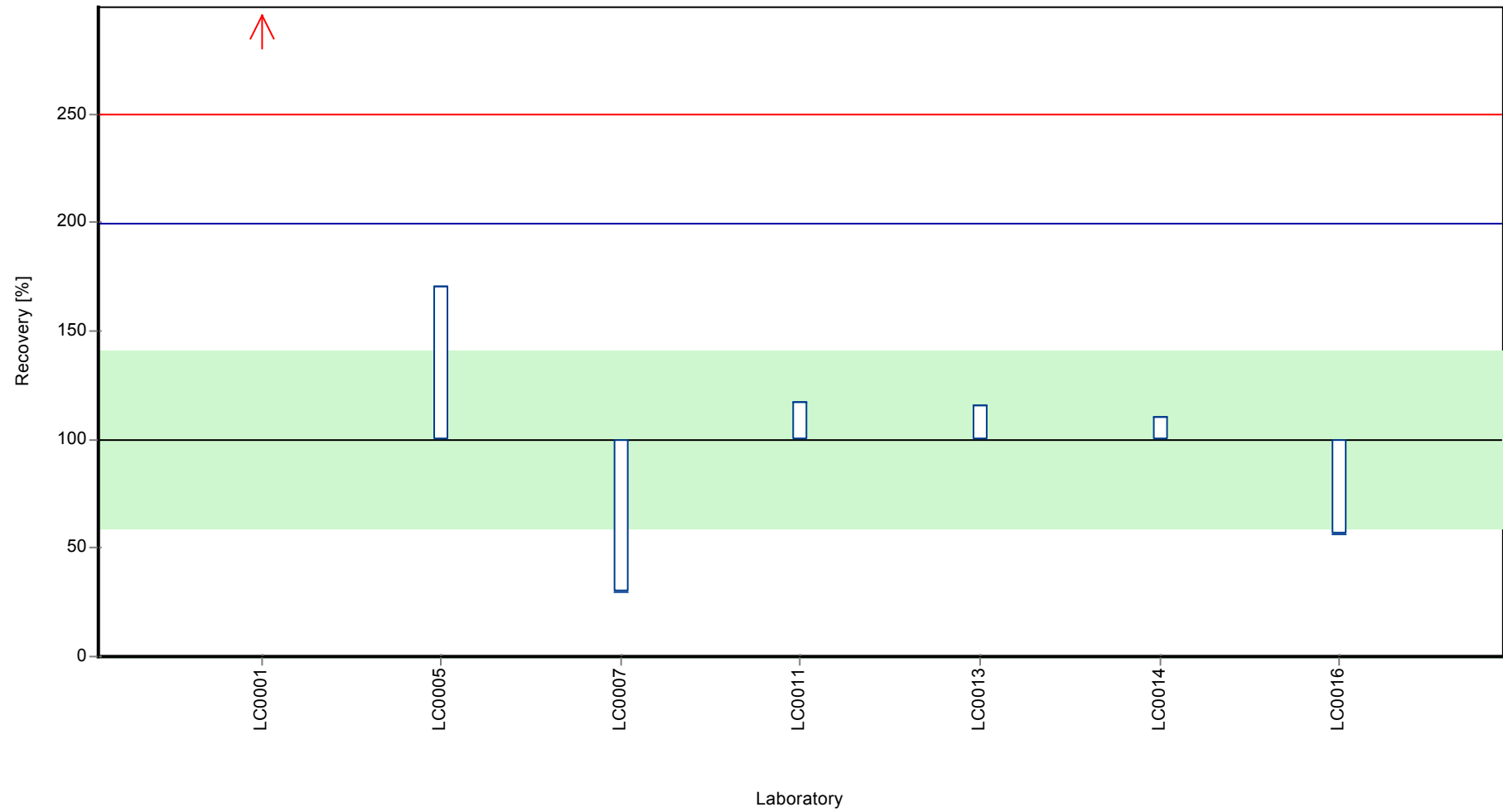
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	19.6 ± 58.2	0.217 ± 0.133	µg/l
Minimum	0.065	0.065	µg/l
Maximum	136	0.37	µg/l
Standard deviation	51.3	0.108	µg/l
rel. Standard deviation	262	49.8	%
n	7	6	-

Graphical presentation of results
Results



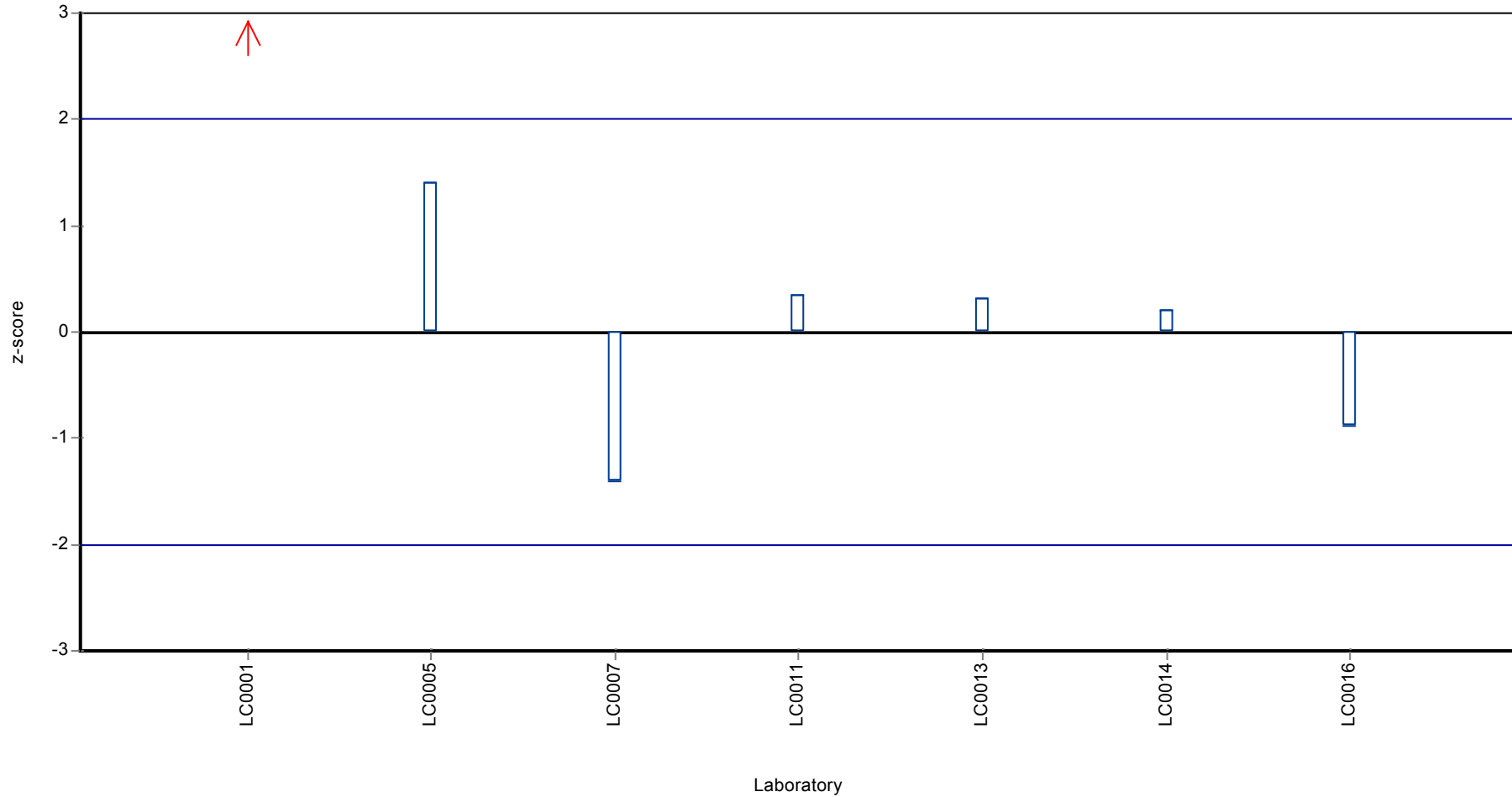
Recovery rate



Parameter oriented report Pesticides H102

Sample: H102A, Parameter: Sum DDD

Z-score



Parameter oriented report

H102 B

Sum DDD

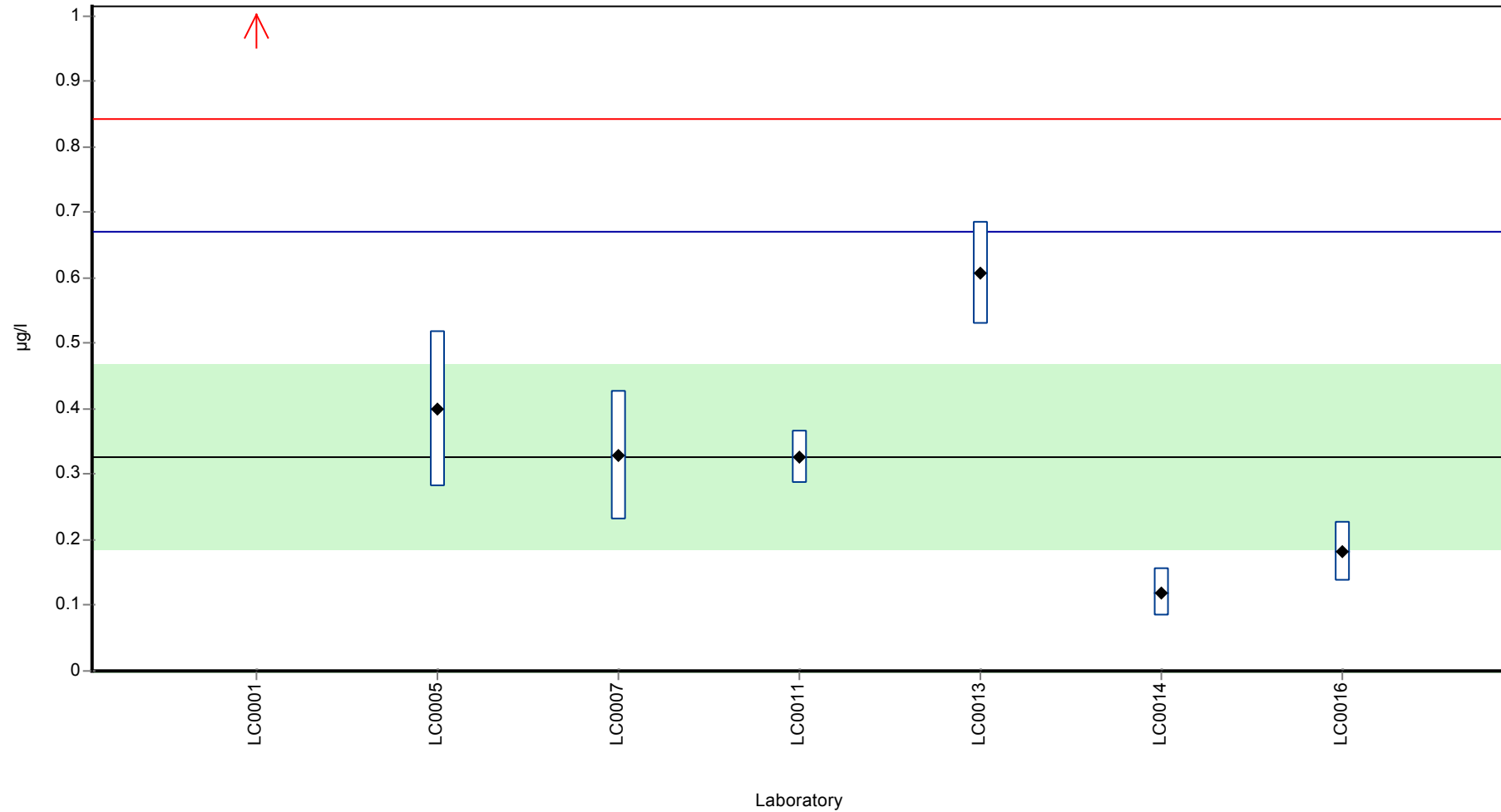
Unit	µg/l
Mean ± CI (99%)	0.327 ± 0.211
Minimum - Maximum	0.12 - 0.607
Control test value ± U	0.333 ± 0.0999

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	51	5.1	15600	295	H
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	0.4	0.12	122	0.42	
LC0006	-	-	-	-	
LC0007	0.329	0.0987	101	0.01	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.326	0.04	99.6	-0.01	
LC0012	-	-	-	-	
LC0013	0.607	0.079	185	1.63	
LC0014	0.12	0.036	36.7	-1.21	
LC0015	-	-	-	-	
LC0016	0.1814	0.04535	55.4	-0.85	
LC0017	-	-	-	-	

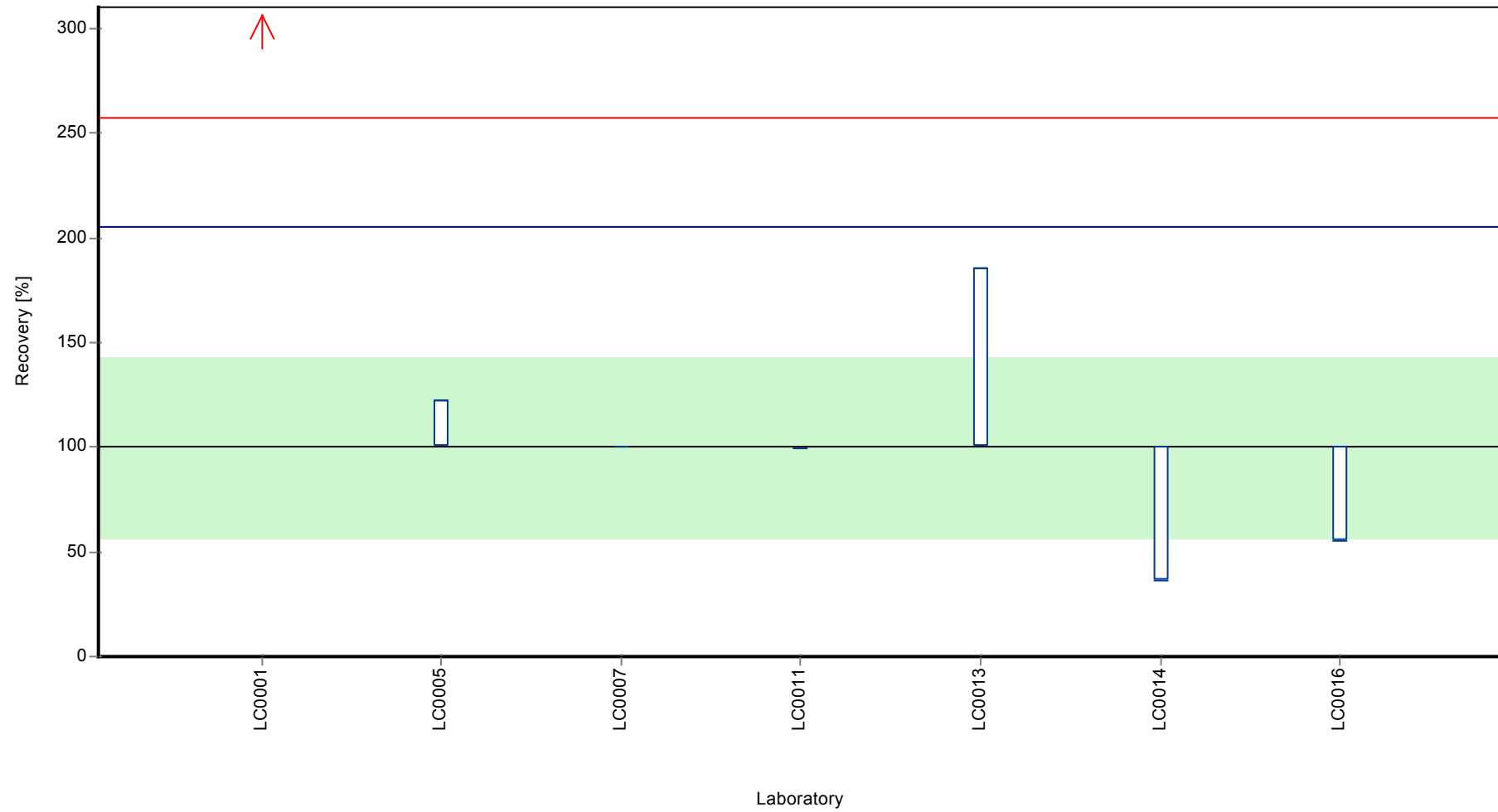
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	7.57 ± 21.7	0.327 ± 0.211	µg/l
Minimum	0.12	0.12	µg/l
Maximum	51	0.607	µg/l
Standard deviation	19.2	0.172	µg/l
rel. Standard deviation	253	52.5 %	
n	7	6	-

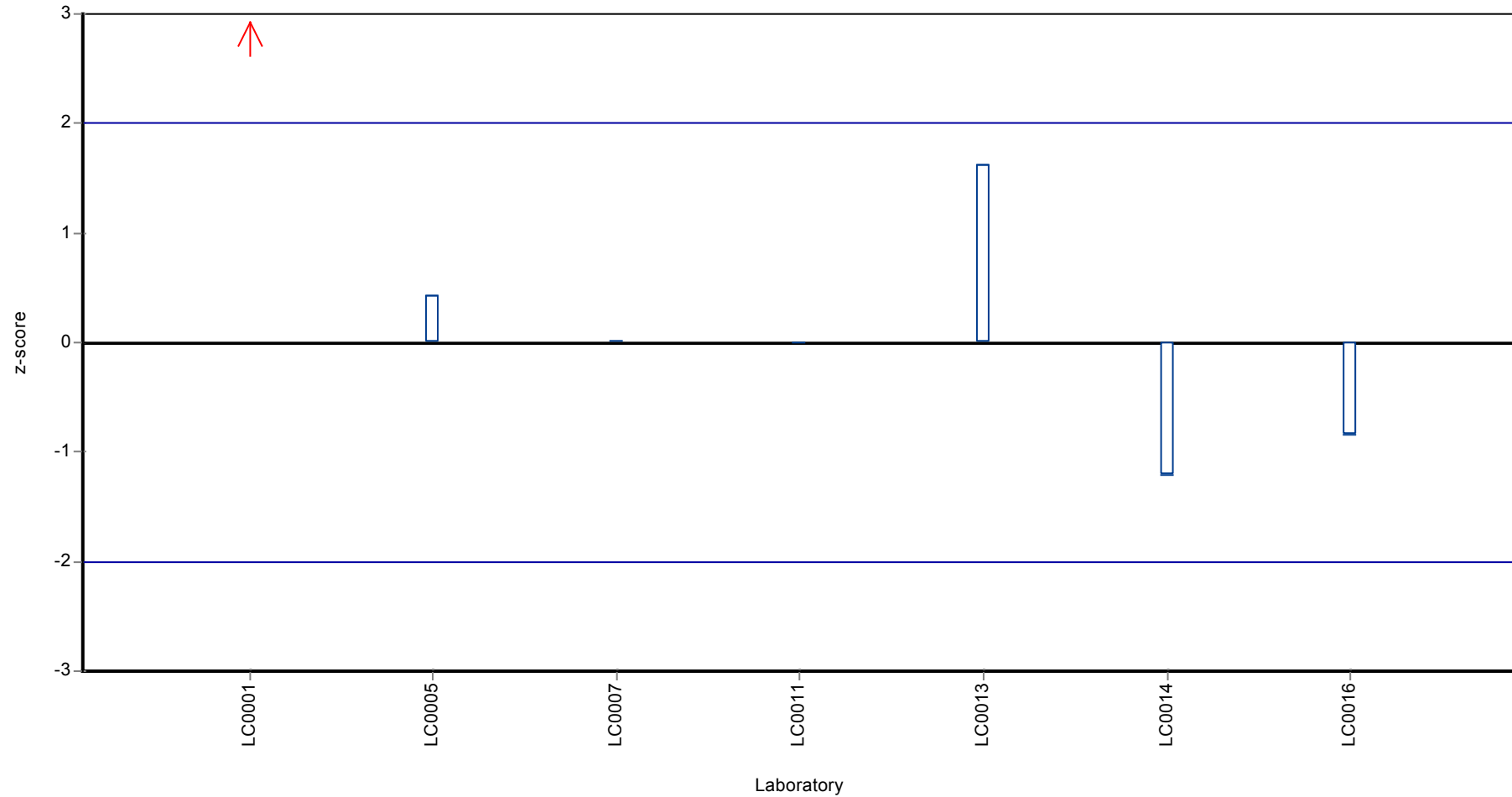
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H102 A

Sum DDE

Unit	µg/l
Mean ± CI (99%)	0.31 ± 0.092
Minimum - Maximum	0.207 - 0.44
Control test value ± U	0.263 ± 0.0789

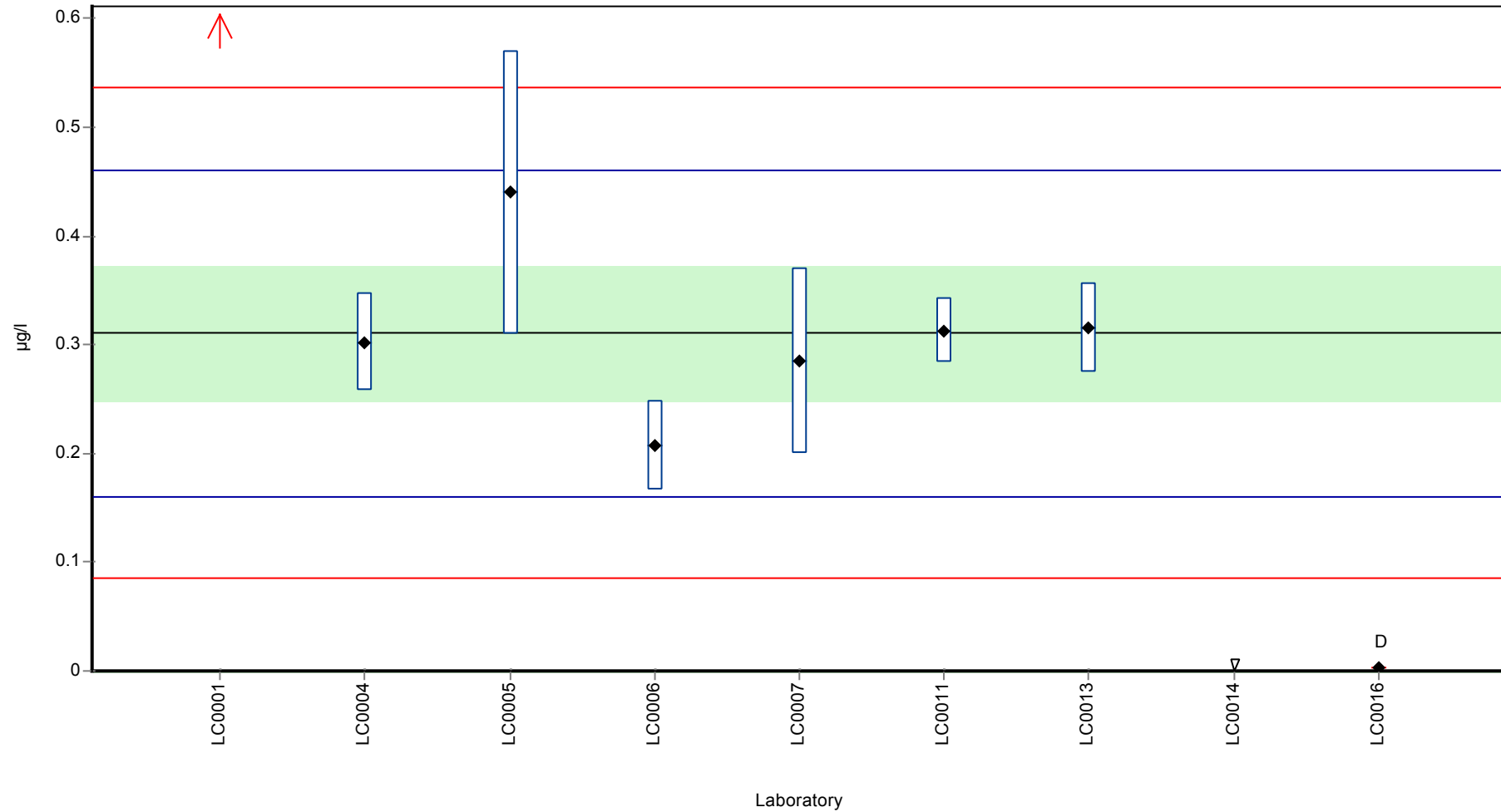
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	13	1.3	4190	169	H,D*
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.302	0.045	97.3	-0.11	
LC0005	0.44	0.13	142	1.72	
LC0006	0.207	0.041	66.7	-1.38	
LC0007	0.285	0.0855	91.8	-0.34	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.313	0.03	101	0.03	
LC0012	-	-	-	-	
LC0013	0.316	0.041	102	0.07	
LC0014	< 0.01 (LOQ)	-	-	-	FN
LC0015	-	-	-	-	
LC0016	0.0026	0.00065	0.8	-4.1	D*
LC0017	-	-	-	-	

Characteristics of parameter

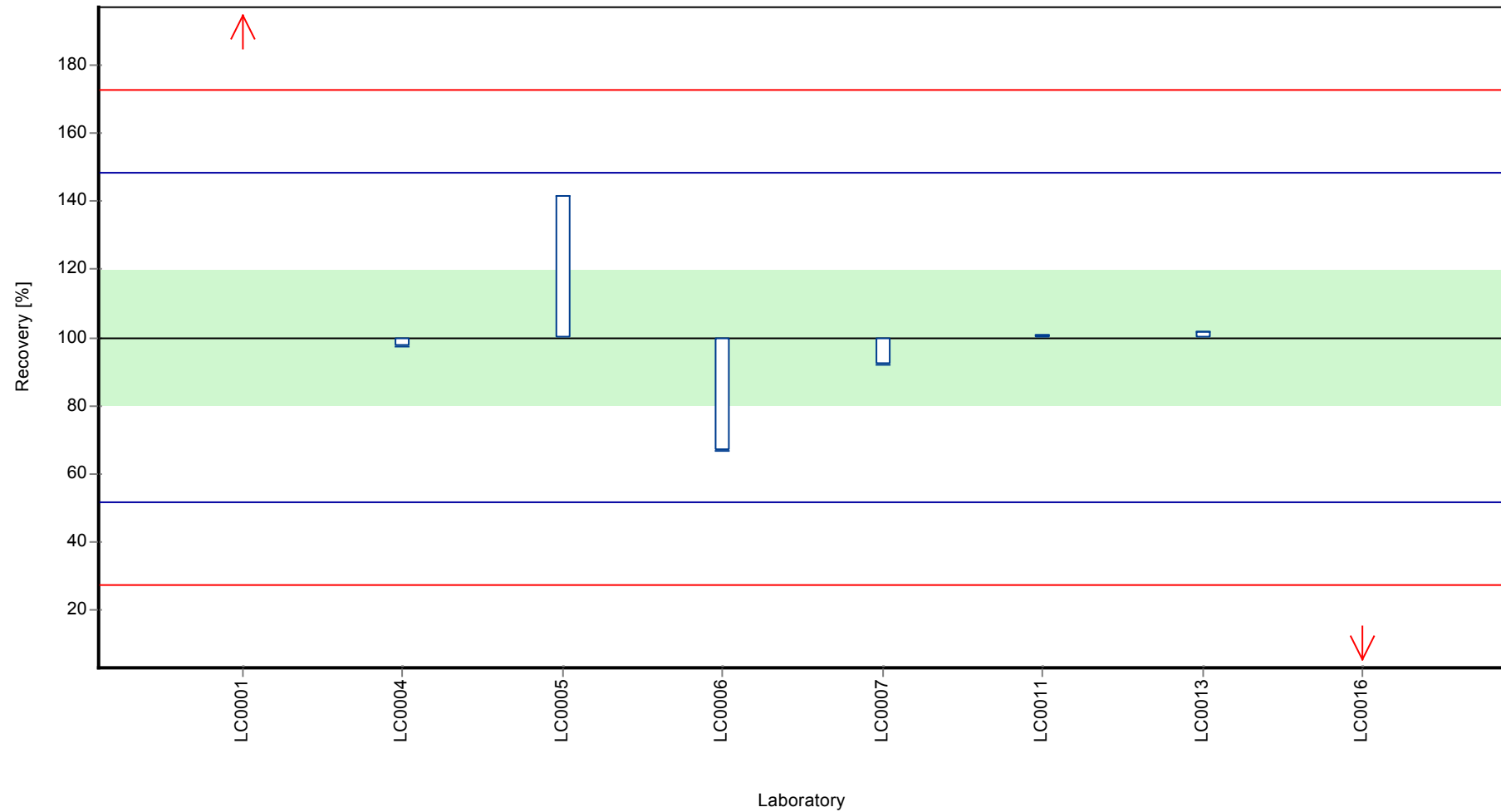
	all results	without outliers	Unit
Mean ± CI (99%)	1.86 ± 4.78	0.31 ± 0.092	µg/l
Minimum	0.0026	0.207	µg/l
Maximum	13	0.44	µg/l
Standard deviation	4.5	0.0752	µg/l
rel. Standard deviation	242	24.2 %	
n	8	6	-

* remarks for elimination of outliers see chapter 4

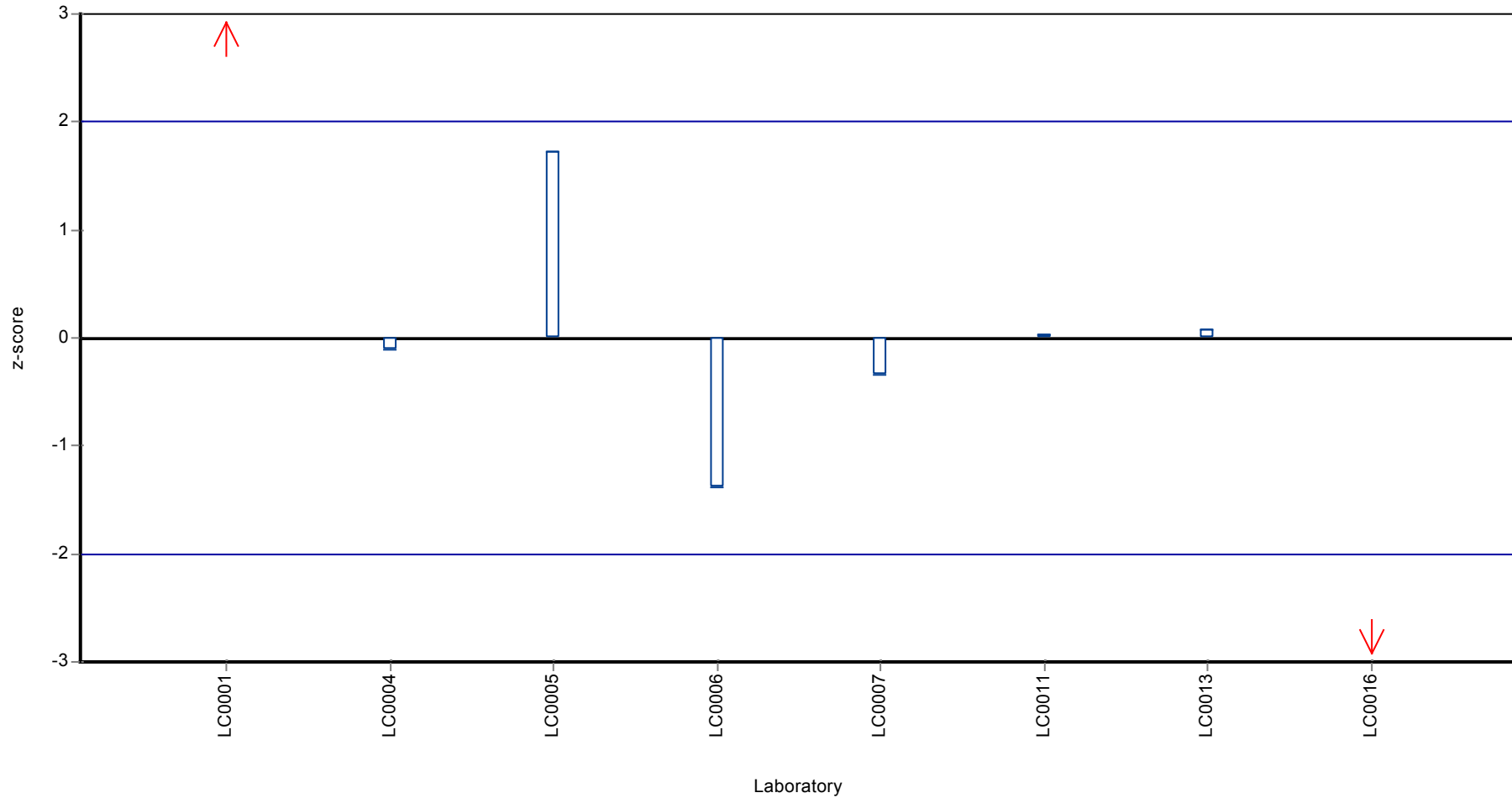
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H102 B

Sum DDE

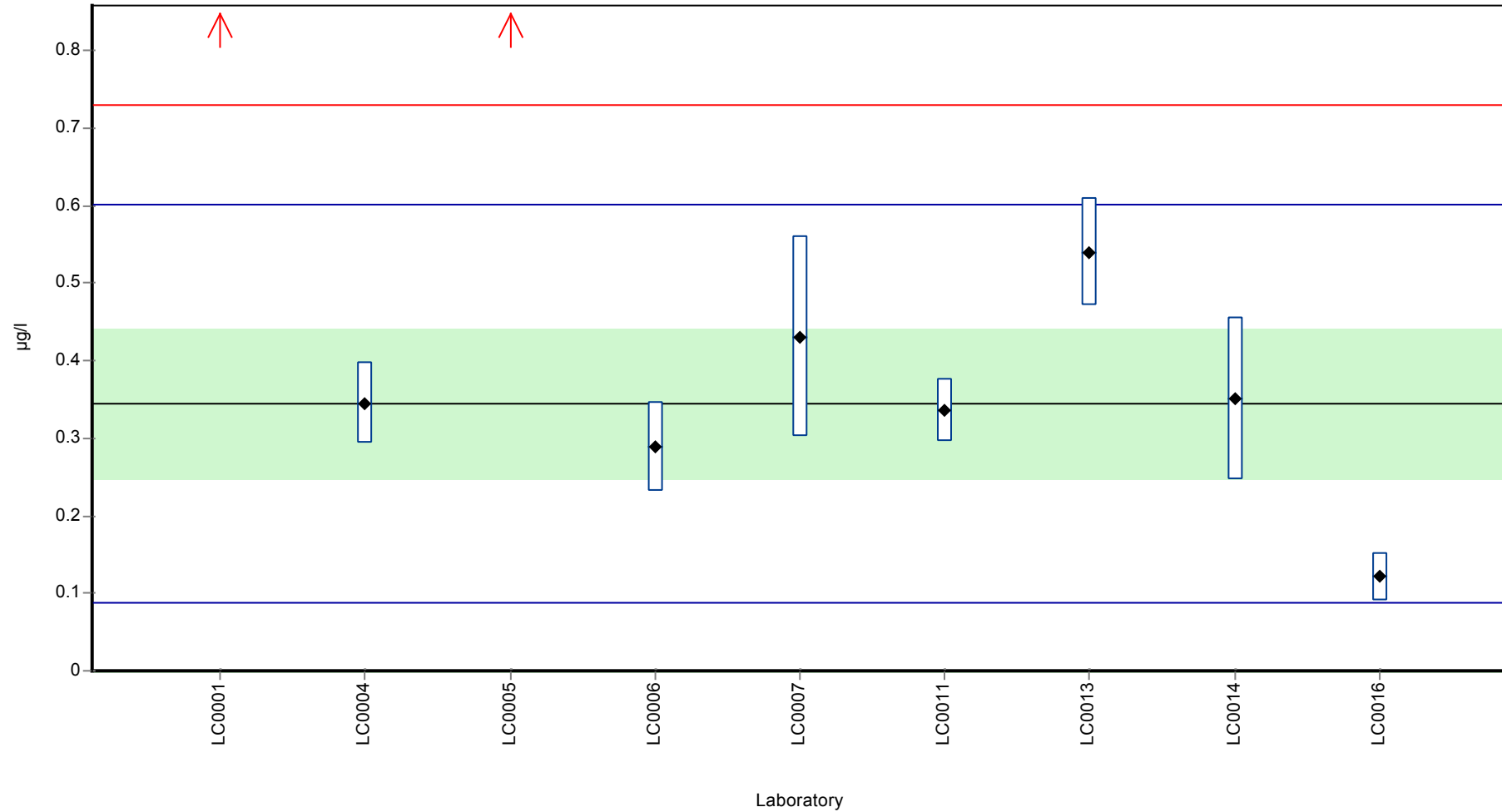
Unit	µg/l
Mean ± CI (99%)	0.345 ± 0.146
Minimum - Maximum	0.121 - 0.54
Control test value ± U	0.373 ± 0.112

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	22	2.2	6380	169	H
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.345	0.052	100	0.00	
LC0005	1.01	0.3	293	5.18	H
LC0006	0.289	0.058	83.9	-0.43	
LC0007	0.431	0.1293	125	0.67	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.336	0.04	97.5	-0.07	
LC0012	-	-	-	-	
LC0013	0.54	0.07	157	1.52	
LC0014	0.35	0.105	102	0.04	
LC0015	-	-	-	-	
LC0016	0.121	0.03025	35.1	-1.74	
LC0017	-	-	-	-	

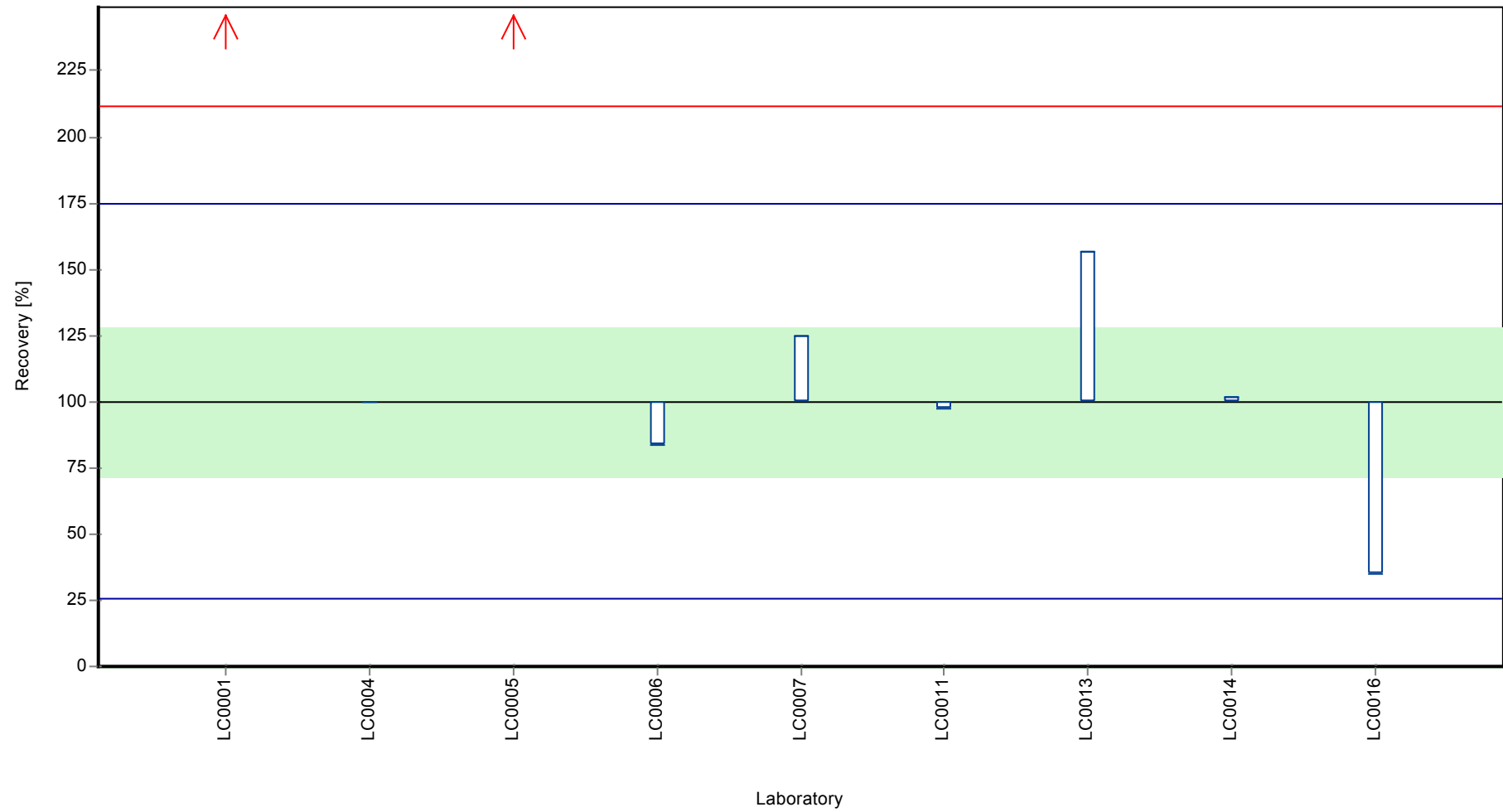
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	2.82 ± 7.19	0.345 ± 0.146	µg/l
Minimum	0.121	0.121	µg/l
Maximum	22	0.54	µg/l
Standard deviation	7.19	0.128	µg/l
rel. Standard deviation	255	37.2 %	
n	9	7	-

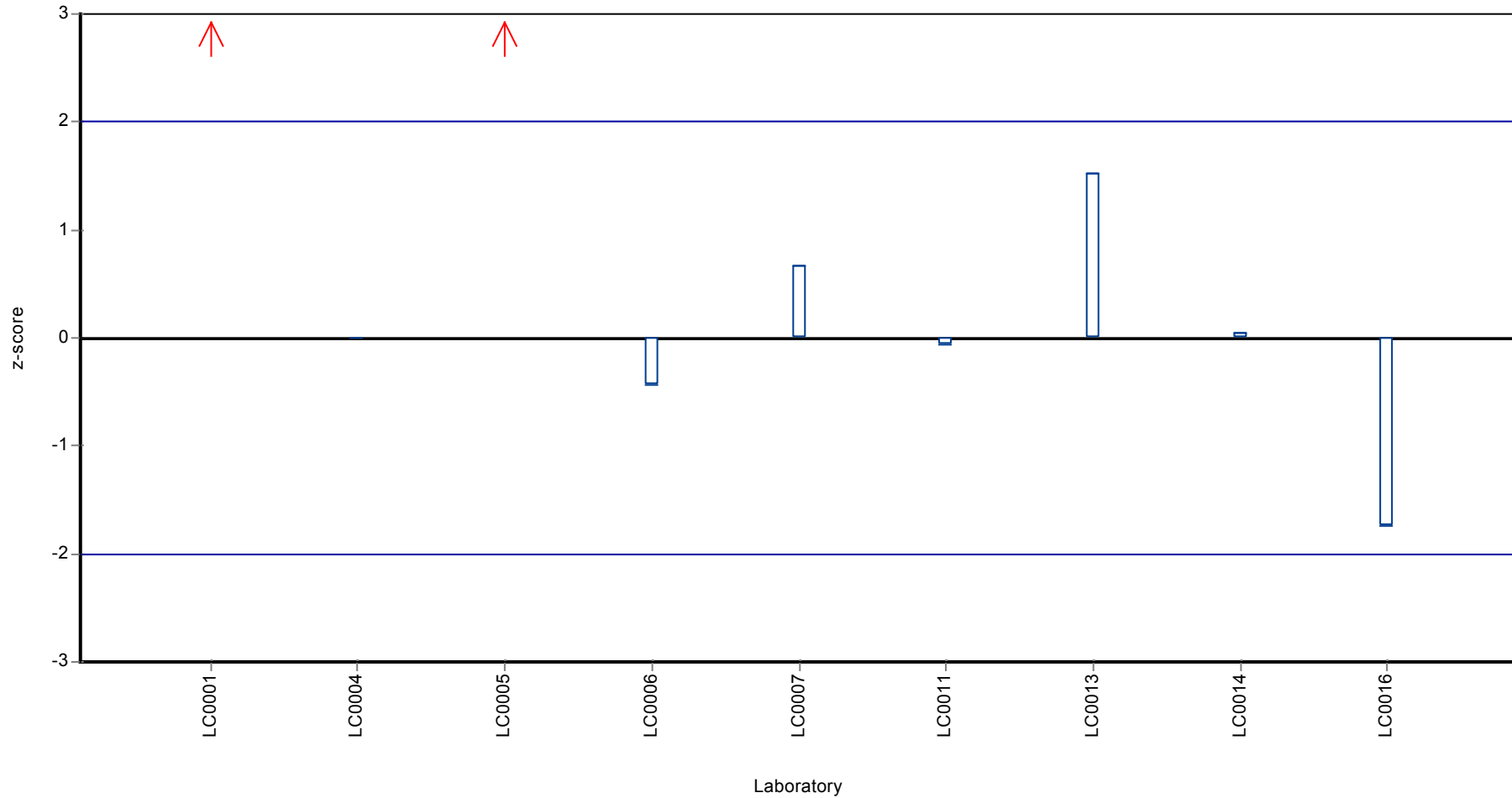
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H102 A

Sum DDT

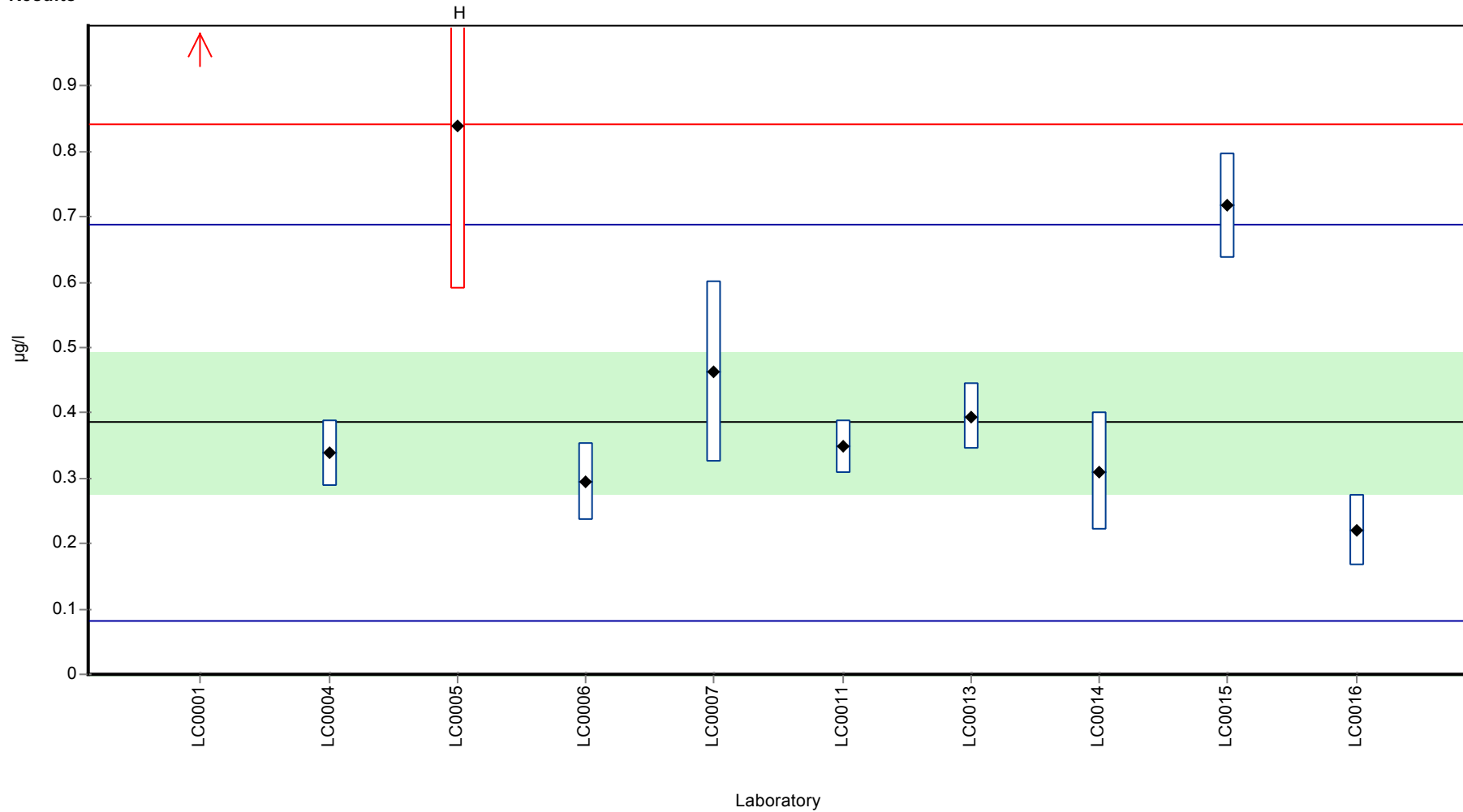
Unit	µg/l
Mean ± CI (99%)	0.385 ± 0.161
Minimum - Maximum	0.219 - 0.717
Control test value ± U	0.345 ± 0.103

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	185	18.5	48000	1220	H
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.338	0.051	87.7	-0.31	
LC0005	0.84	0.25	218	3	H
LC0006	0.294	0.059	76.3	-0.6	
LC0007	0.462	0.1386	120	0.51	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.348	0.04	90.3	-0.25	
LC0012	-	-	-	-	
LC0013	0.394	0.051	102	0.06	
LC0014	0.31	0.09	80.5	-0.5	
LC0015	0.717	0.08	186	2.19	
LC0016	0.2194	0.05485	56.9	-1.09	
LC0017	-	-	-	-	

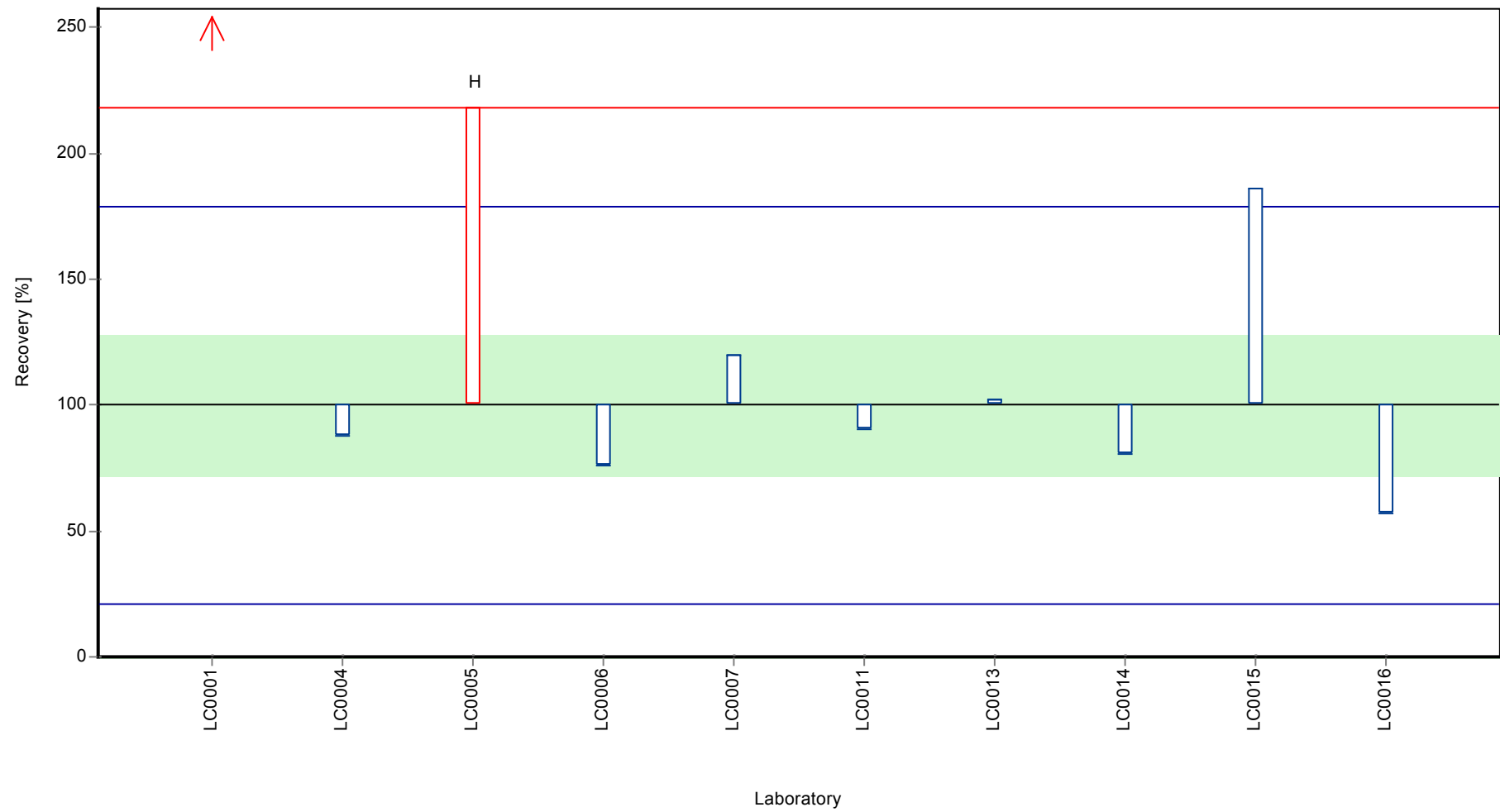
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	18.9 ± 55.4	0.385 ± 0.161	µg/l
Minimum	0.219	0.219	µg/l
Maximum	185	0.717	µg/l
Standard deviation	58.4	0.152	µg/l
rel. Standard deviation	309	39.4	%
n	10	8	-

Graphical presentation of results
Results

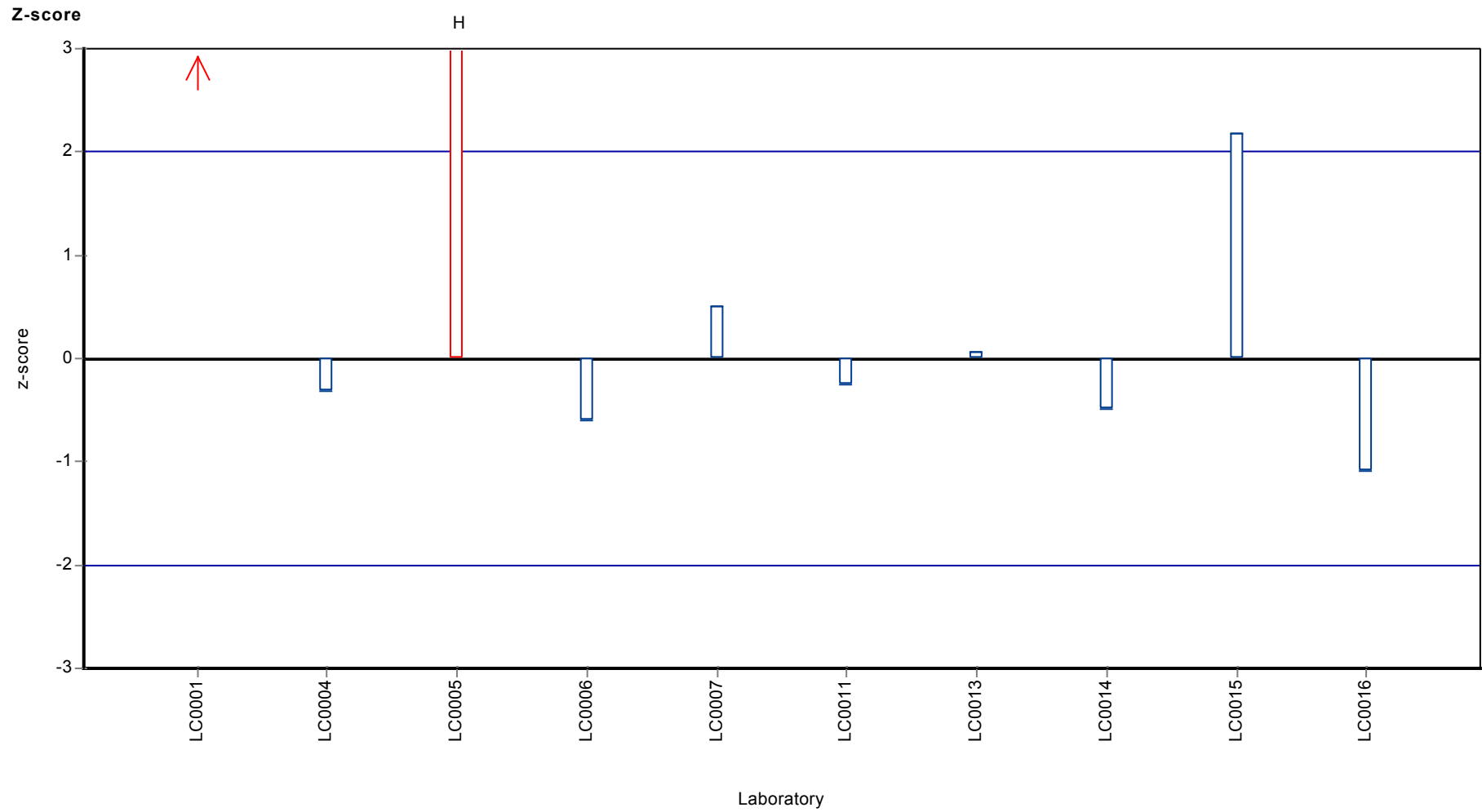


Recovery rate



Parameter oriented report Pesticides H102

Sample: H102A, Parameter: Sum DDT



Parameter oriented report

H102 B

Sum DDT

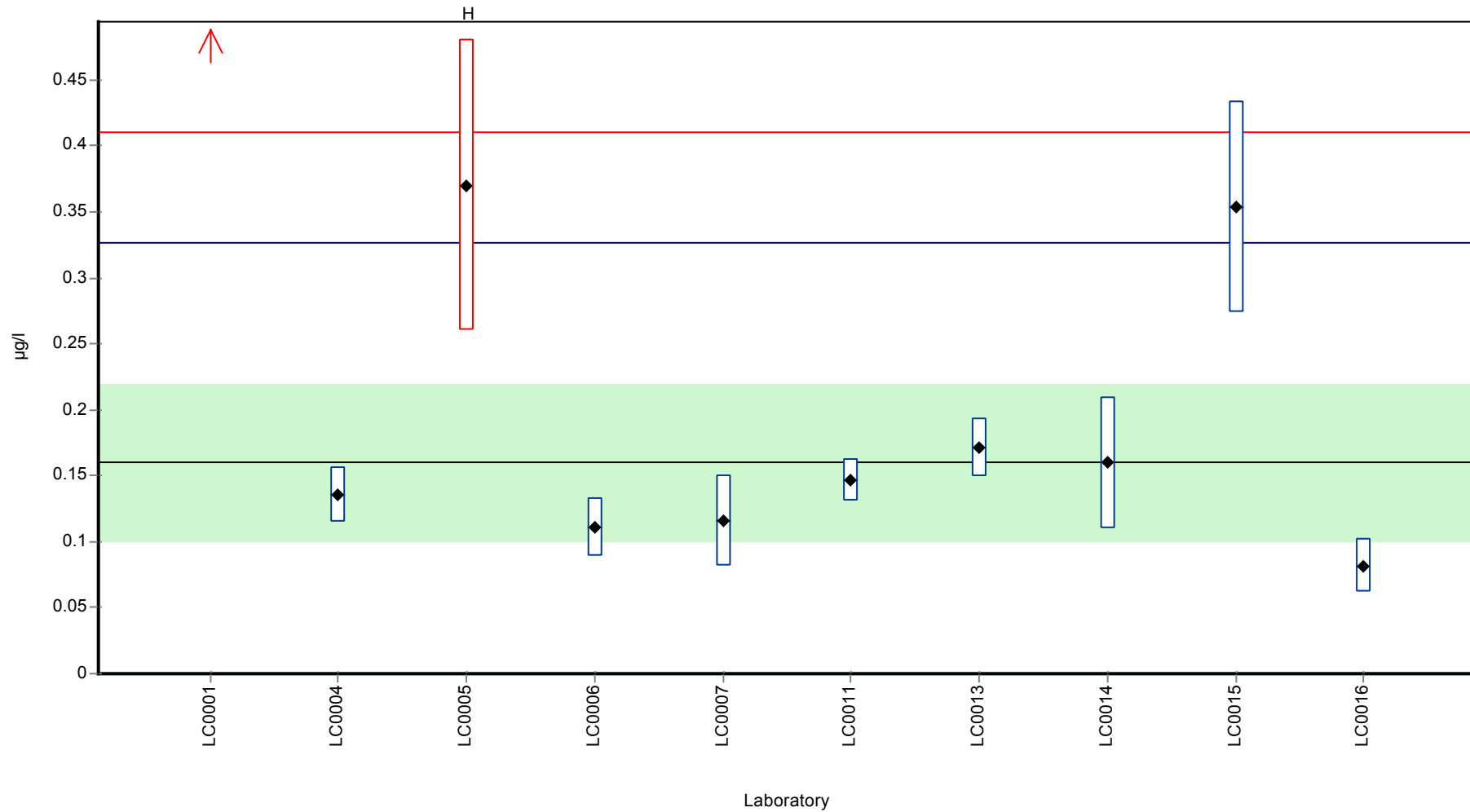
Unit	µg/l
Mean ± CI (99%)	0.16 ± 0.0887
Minimum - Maximum	0.0819 - 0.354
Control test value ± U	0.136 ± 0.0407

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	142	14.2	89000	1700	H
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.136	0.021	85.2	-0.28	
LC0005	0.37	0.11	232	2.52	H
LC0006	0.111	0.022	69.5	-0.58	
LC0007	0.116	0.0348	72.7	-0.52	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.147	0.016	92.1	-0.15	
LC0012	-	-	-	-	
LC0013	0.171	0.022	107	0.14	
LC0014	0.16	0.05	100	0.00	
LC0015	0.354	0.08	222	2.32	
LC0016	0.0819	0.02048	51.3	-0.93	
LC0017	-	-	-	-	

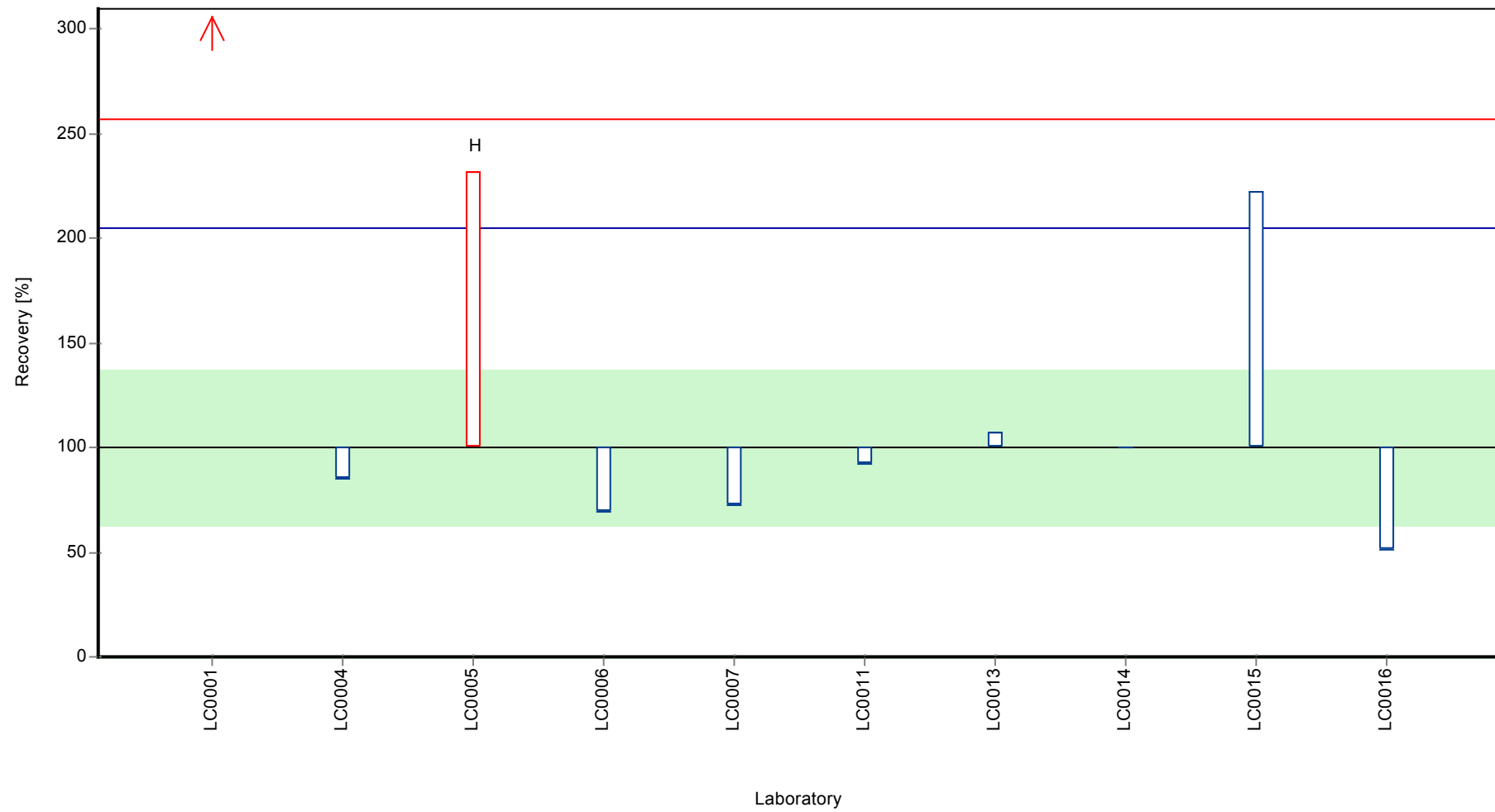
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	14.4 ± 42.5	0.16 ± 0.0887	µg/l
Minimum	0.0819	0.0819	µg/l
Maximum	142	0.354	µg/l
Standard deviation	44.8	0.0836	µg/l
rel. Standard deviation	312	52.4	%
n	10	8	-

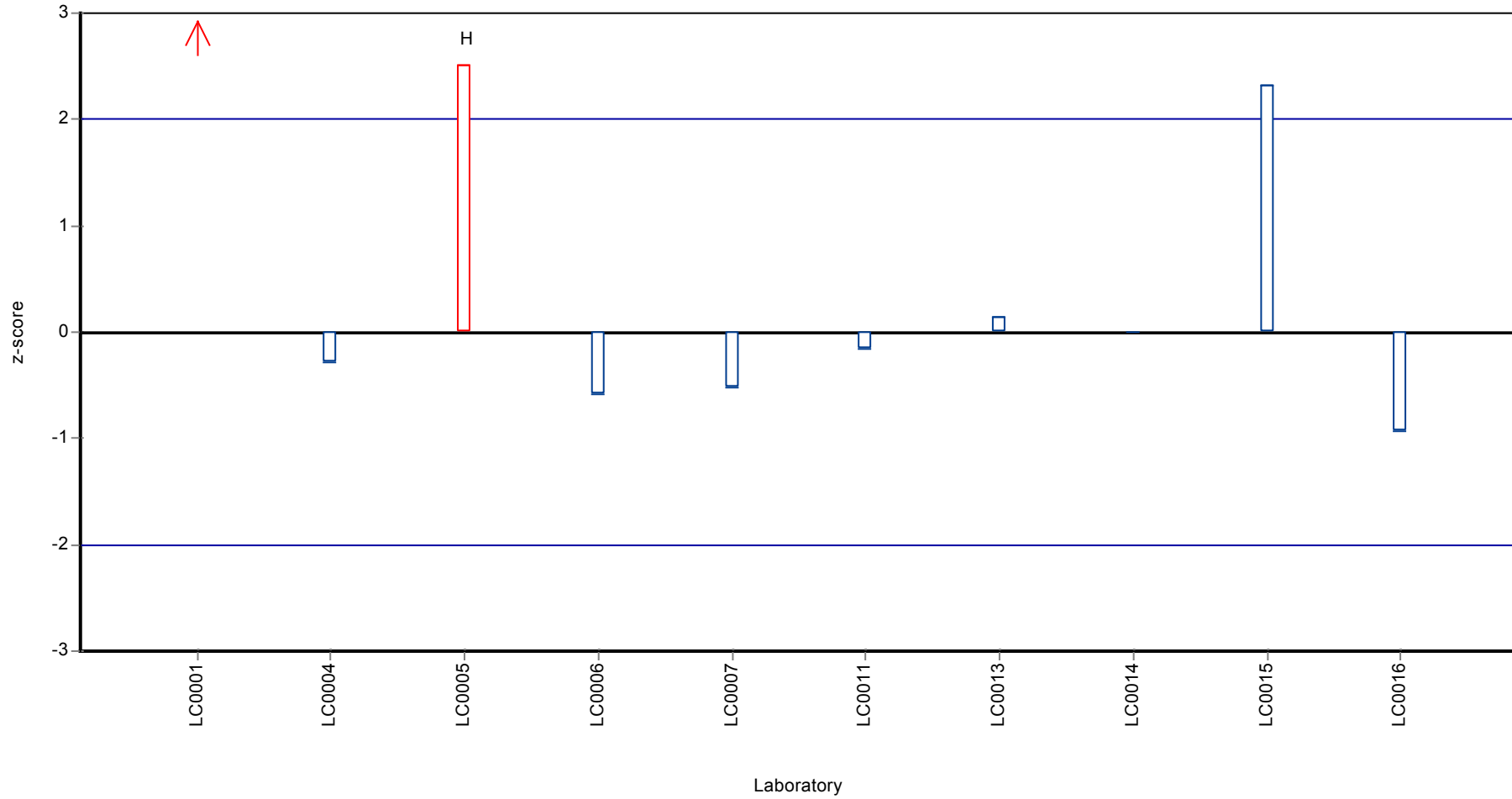
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H102 A

Sum Endosulfan

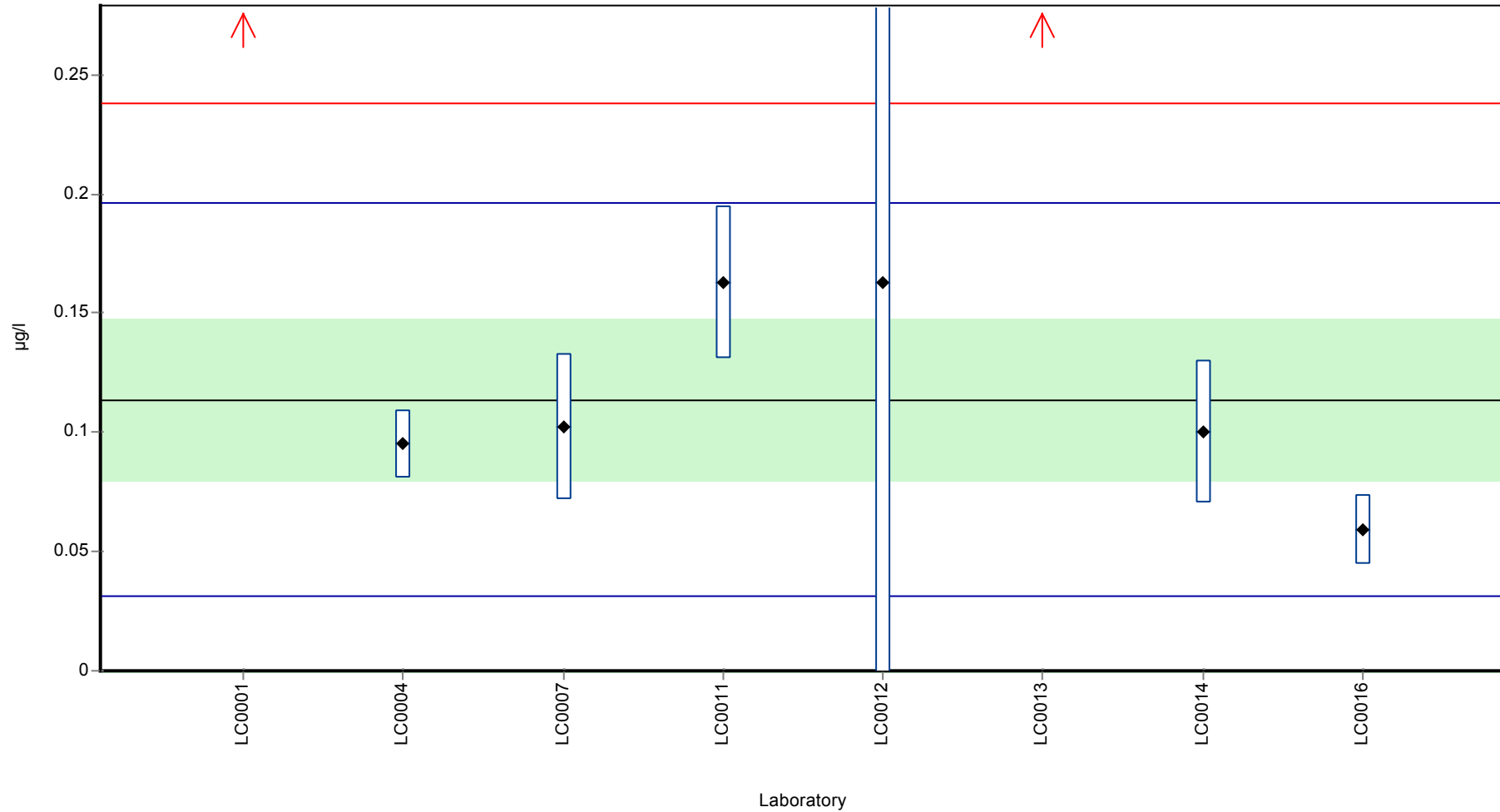
Unit	µg/l
Mean ± CI (99%)	0.114 ± 0.0506
Minimum - Maximum	0.059 - 0.163
Control test value ± U	0.110 ± 0.0329

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	123	12.3	108000	2970	H
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.095	0.014	83.6	-0.45	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	0.102	0.0306	89.7	-0.28	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.163	0.032	143	1.19	
LC0012	0.1632	0.1896	144	1.2	
LC0013	0.335	0.044	295	5.35	H
LC0014	0.1	0.03	88	-0.33	
LC0015	-	-	-	-	
LC0016	0.059	0.01475	51.9	-1.32	
LC0017	-	-	-	-	

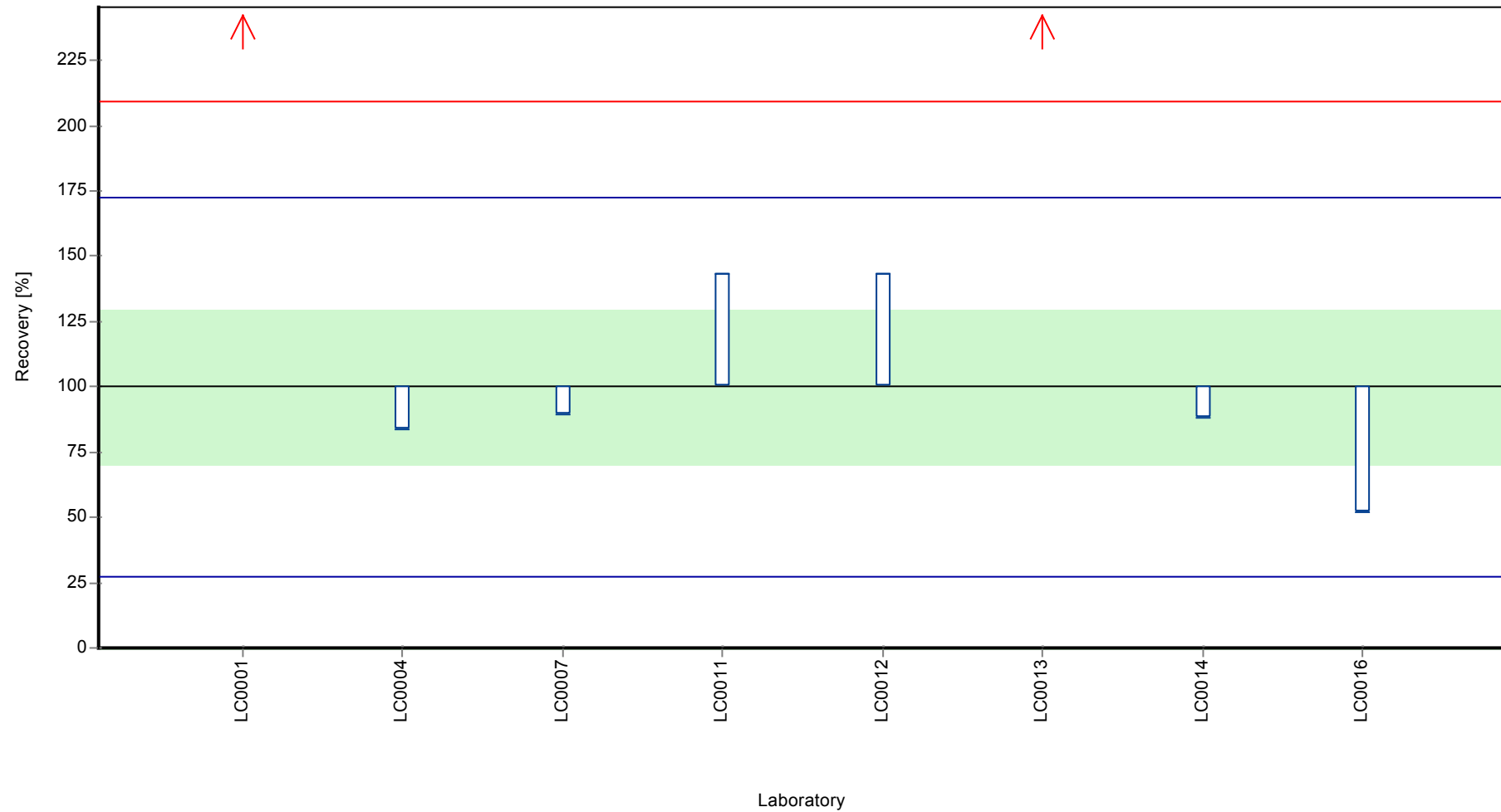
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	15.5 ± 46.1	0.114 ± 0.0506	µg/l
Minimum	0.059	0.059	µg/l
Maximum	123	0.163	µg/l
Standard deviation	43.4	0.0413	µg/l
rel. Standard deviation	280	36.4	%
n	8	6	-

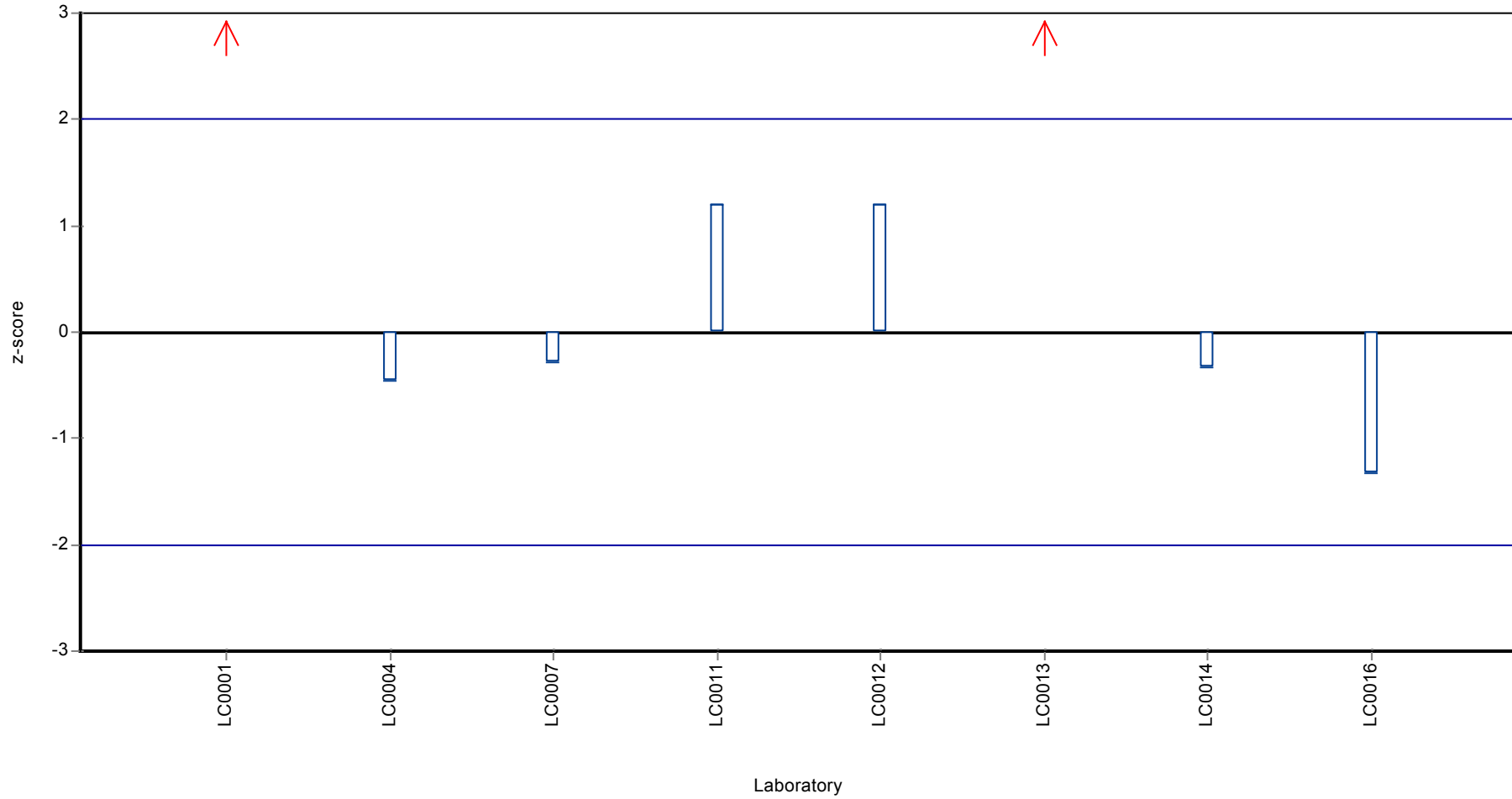
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H102 B

Sum Endosulfan

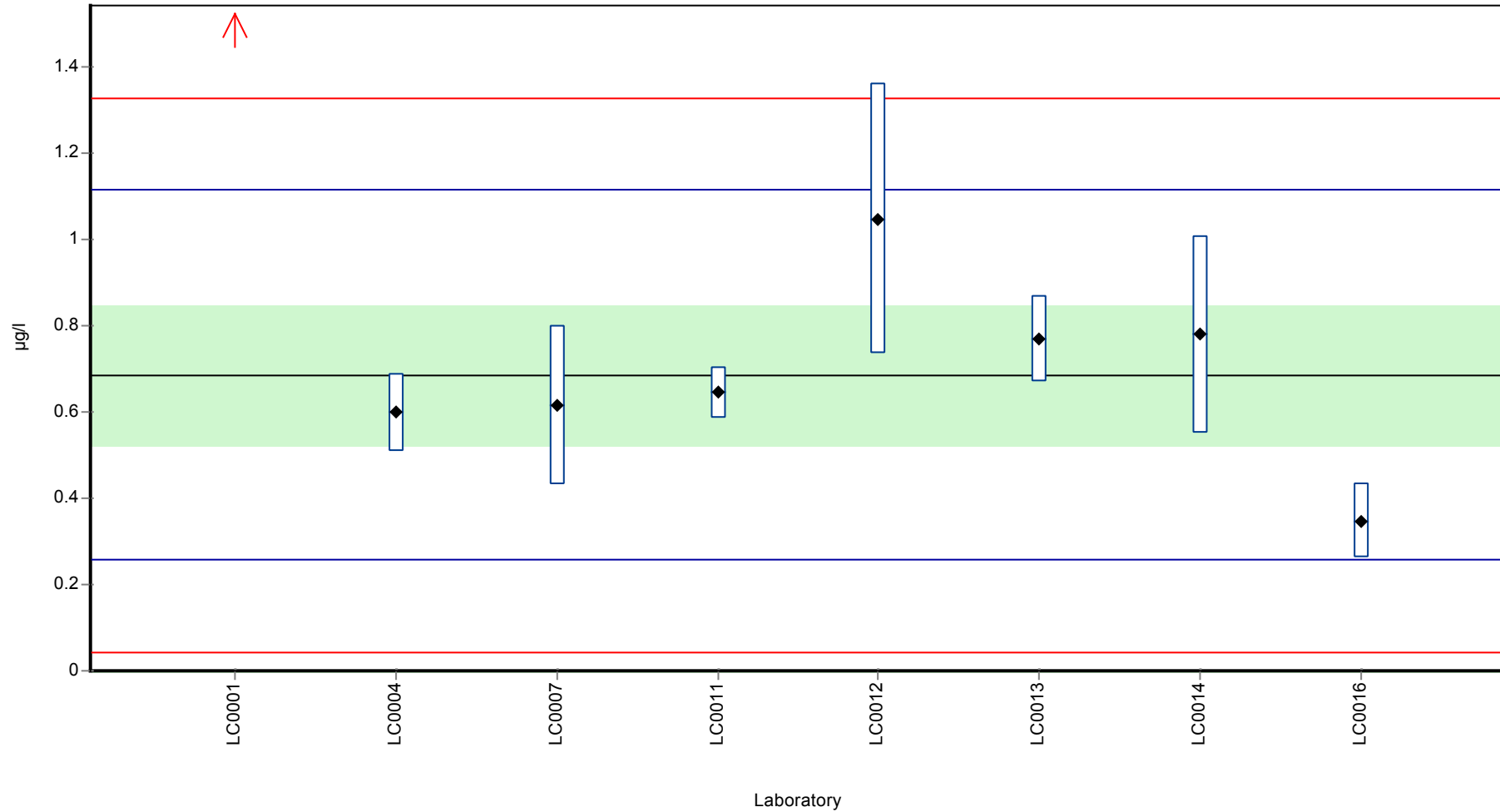
Unit	µg/l
Mean ± CI (99%)	0.687 ± 0.243
Minimum - Maximum	0.348 - 1.05
Control test value ± U	0.703 ± 0.211

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	175	17.5	25500	814	H
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.599	0.09	87.2	-0.41	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	0.617	0.1851	89.8	-0.33	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.645	0.06	93.9	-0.2	
LC0012	1.048	0.3144	153	1.69	
LC0013	0.771	0.1	112	0.39	
LC0014	0.78	0.23	114	0.43	
LC0015	-	-	-	-	
LC0016	0.348	0.087	50.7	-1.58	
LC0017	-	-	-	-	

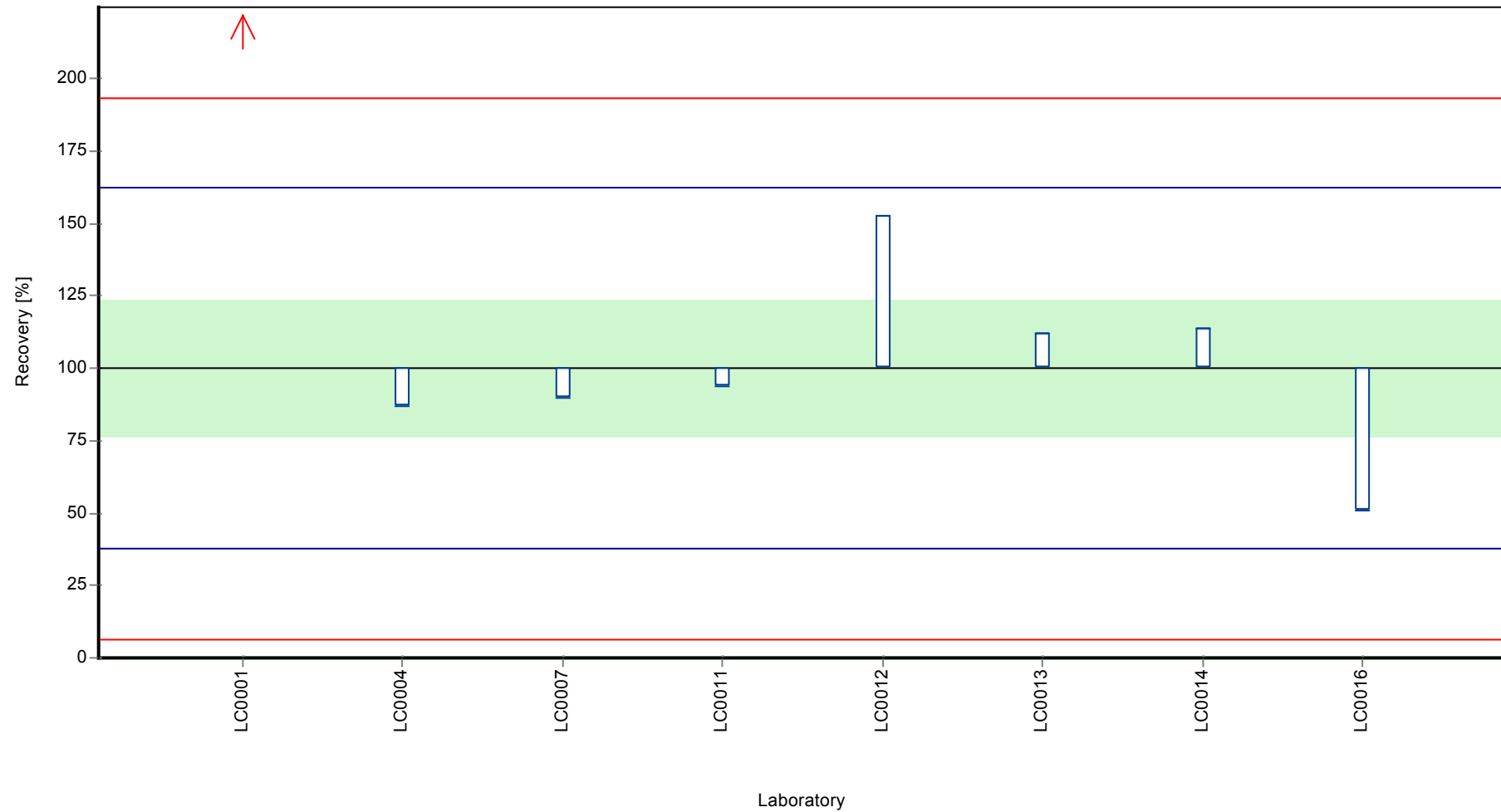
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	22.5 ± 65.4	0.687 ± 0.243	µg/l
Minimum	0.348	0.348	µg/l
Maximum	175	1.05	µg/l
Standard deviation	61.6	0.214	µg/l
rel. Standard deviation	274	31.2 %	
n	8	7	-

Graphical presentation of results
Results



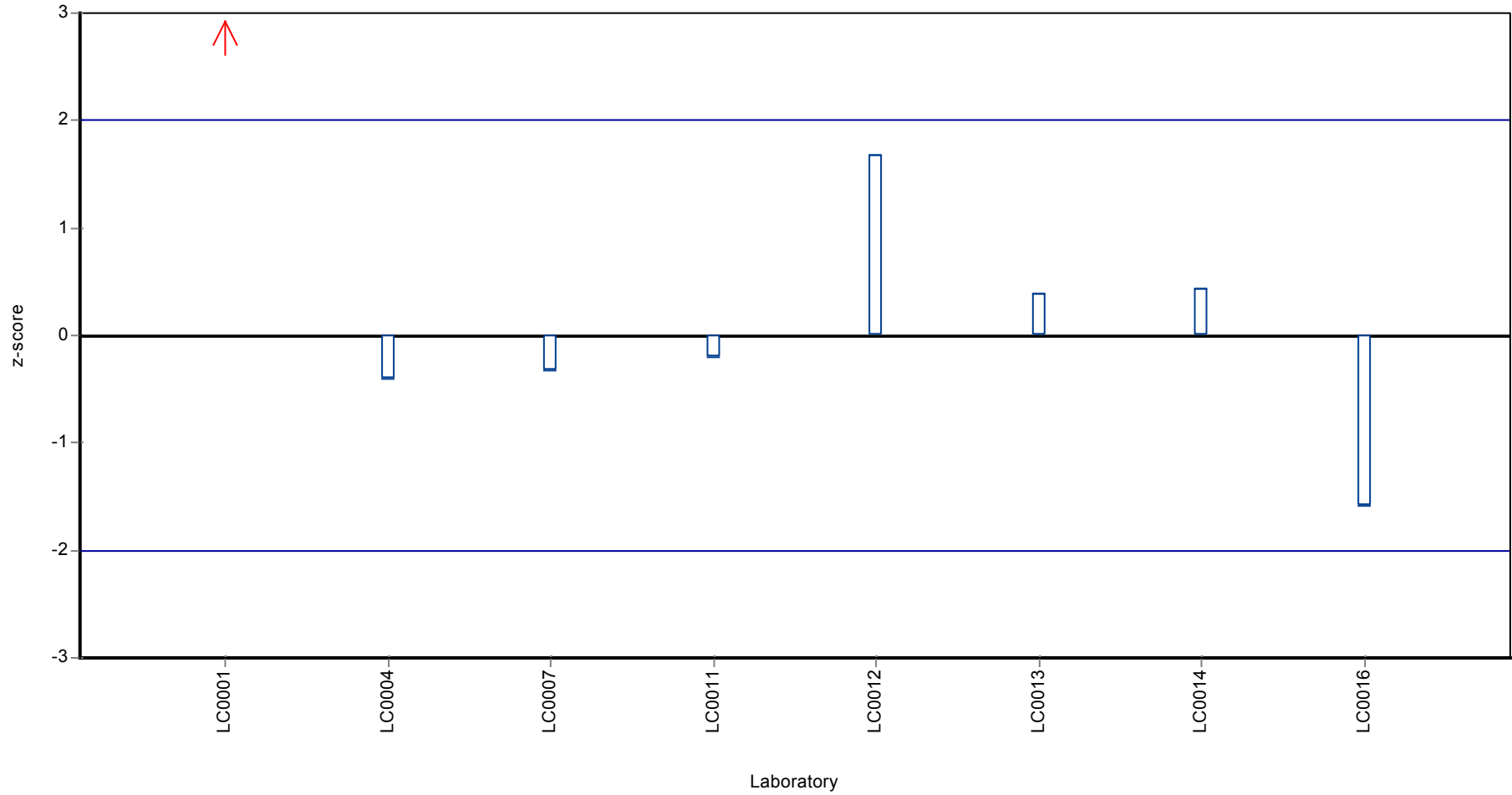
Recovery rate



Parameter oriented report Pesticides H102

Sample: H102B, Parameter: Sum Endosulfan

Z-score



Parameter oriented report

H102 A

Thiacloprid

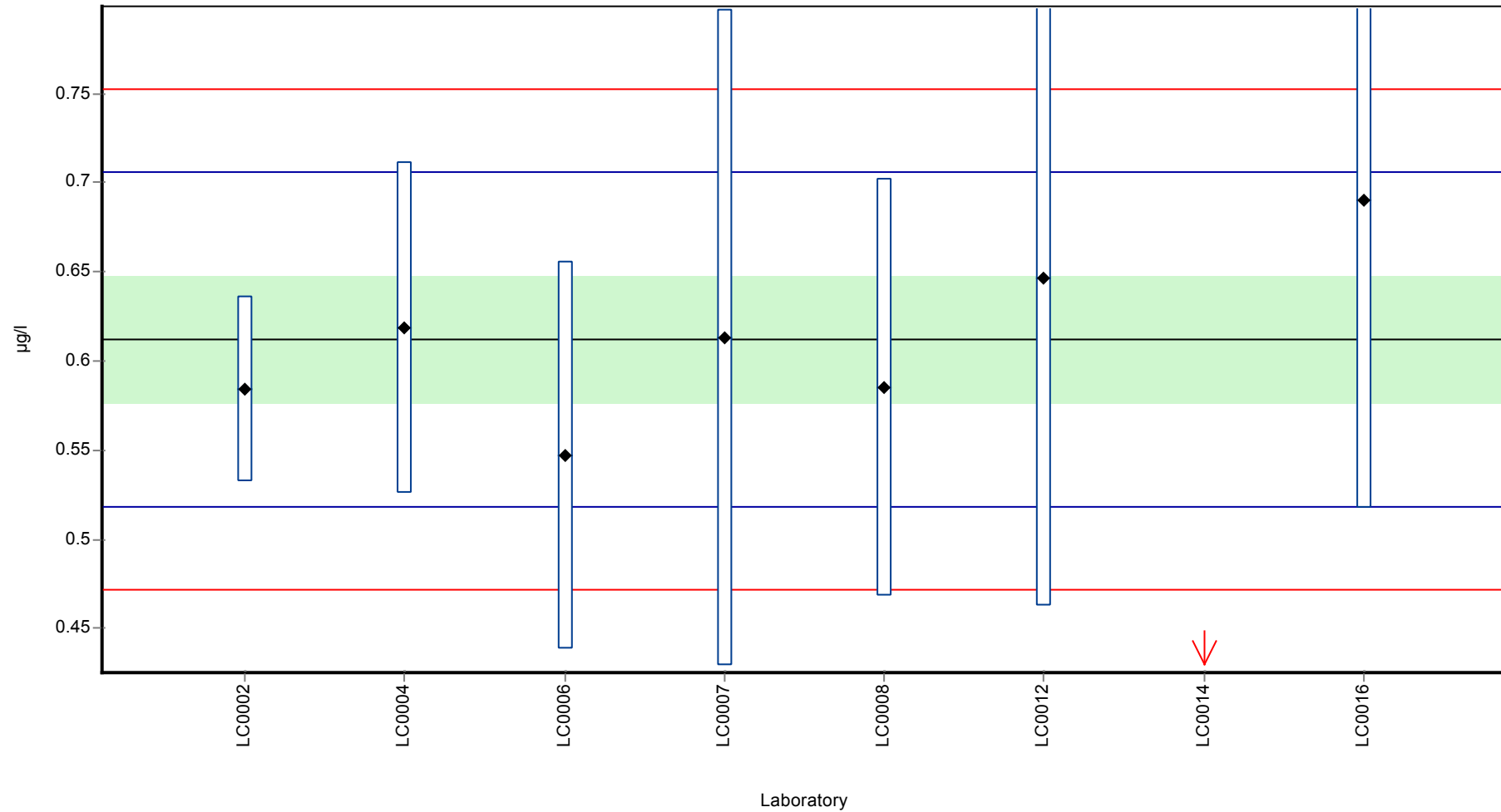
Unit	µg/l
Mean ± CI (99%)	0.612 ± 0.0529
Minimum - Maximum	0.547 - 0.69
Control test value ± U	0.548 ± 0.0821

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.584	0.052	95.4	-0.6	
LC0003	-	-	-	-	
LC0004	0.619	0.093	101	0.15	
LC0005	-	-	-	-	
LC0006	0.547	0.109	89.4	-1.39	
LC0007	0.613	0.1839	100	0.02	
LC0008	0.585	0.117	95.6	-0.58	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.6468	0.184	106	0.74	
LC0013	-	-	-	-	
LC0014	0.06	0.03	9.8	-11.8	H
LC0015	-	-	-	-	
LC0016	0.69	0.1725	113	1.67	
LC0017	-	-	-	-	

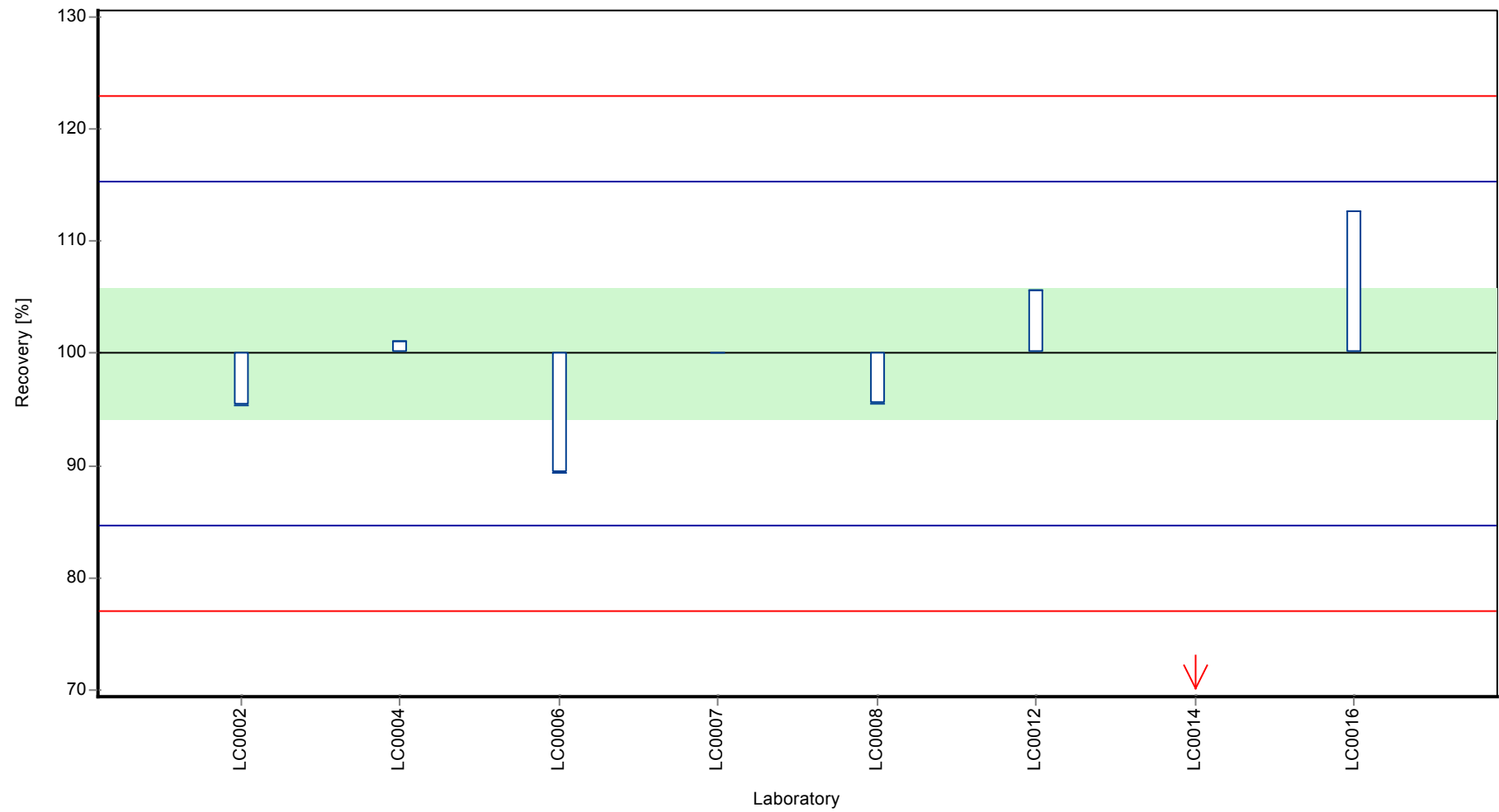
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.543 ± 0.212	0.612 ± 0.0529	µg/l
Minimum	0.06	0.547	µg/l
Maximum	0.69	0.69	µg/l
Standard deviation	0.2	0.0467	µg/l
rel. Standard deviation	36.8	7.63	%
n	8	7	-

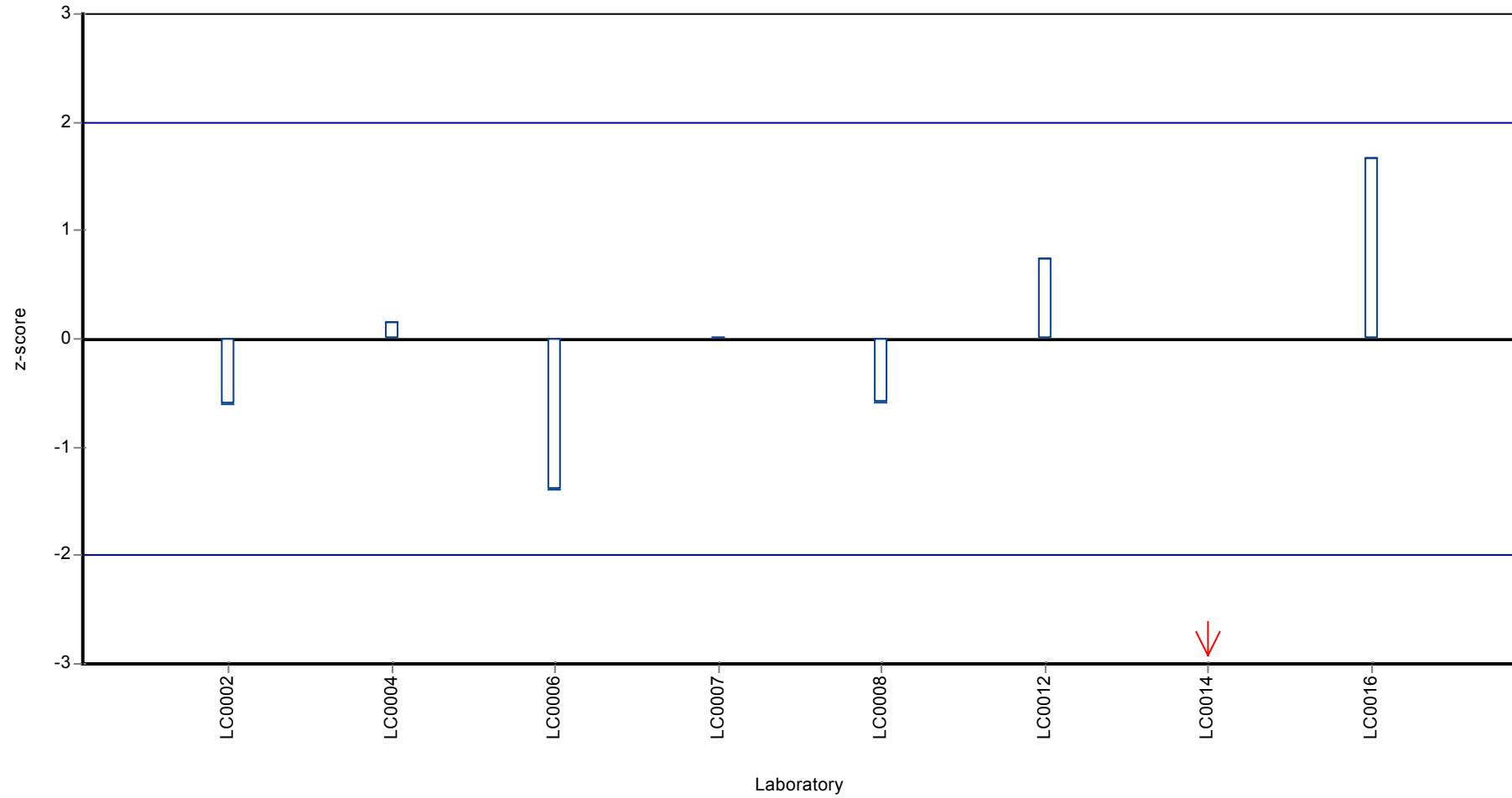
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H102 B

Thiacloprid

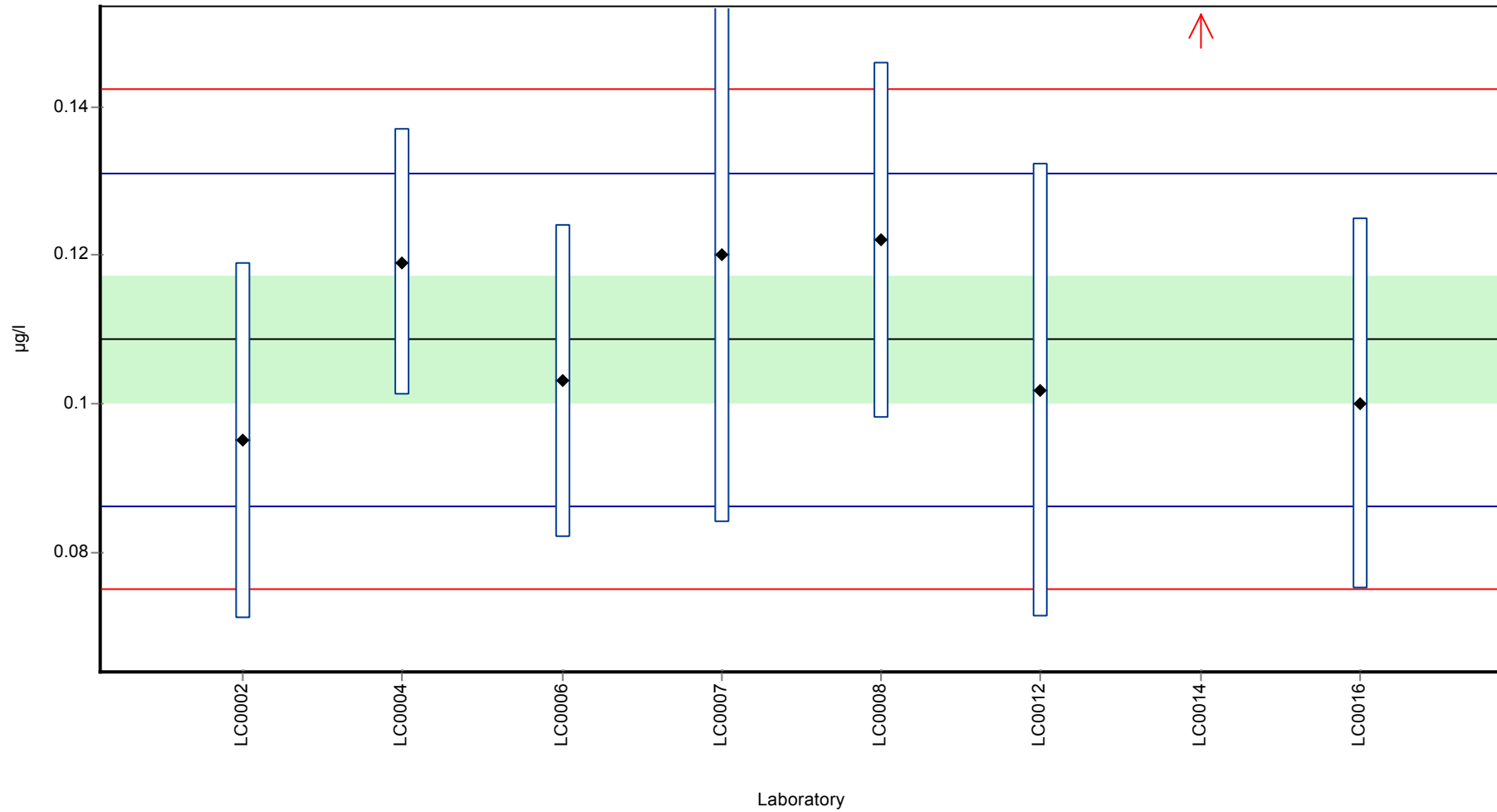
Unit	µg/l
Mean ± CI (99%)	0.109 ± 0.0127
Minimum - Maximum	0.095 - 0.122
Control test value ± U	0.107 ± 0.016

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.095	0.024	87.4	-1.22	
LC0003	-	-	-	-	
LC0004	0.119	0.018	109	0.92	
LC0005	-	-	-	-	
LC0006	0.103	0.021	94.8	-0.51	
LC0007	0.12	0.036	110	1.01	
LC0008	0.122	0.024	112	1.19	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.1018	0.0305	93.7	-0.61	
LC0013	-	-	-	-	
LC0014	1.04	0.46	957	83.1	H
LC0015	-	-	-	-	
LC0016	0.1	0.025	92	-0.78	
LC0017	-	-	-	-	

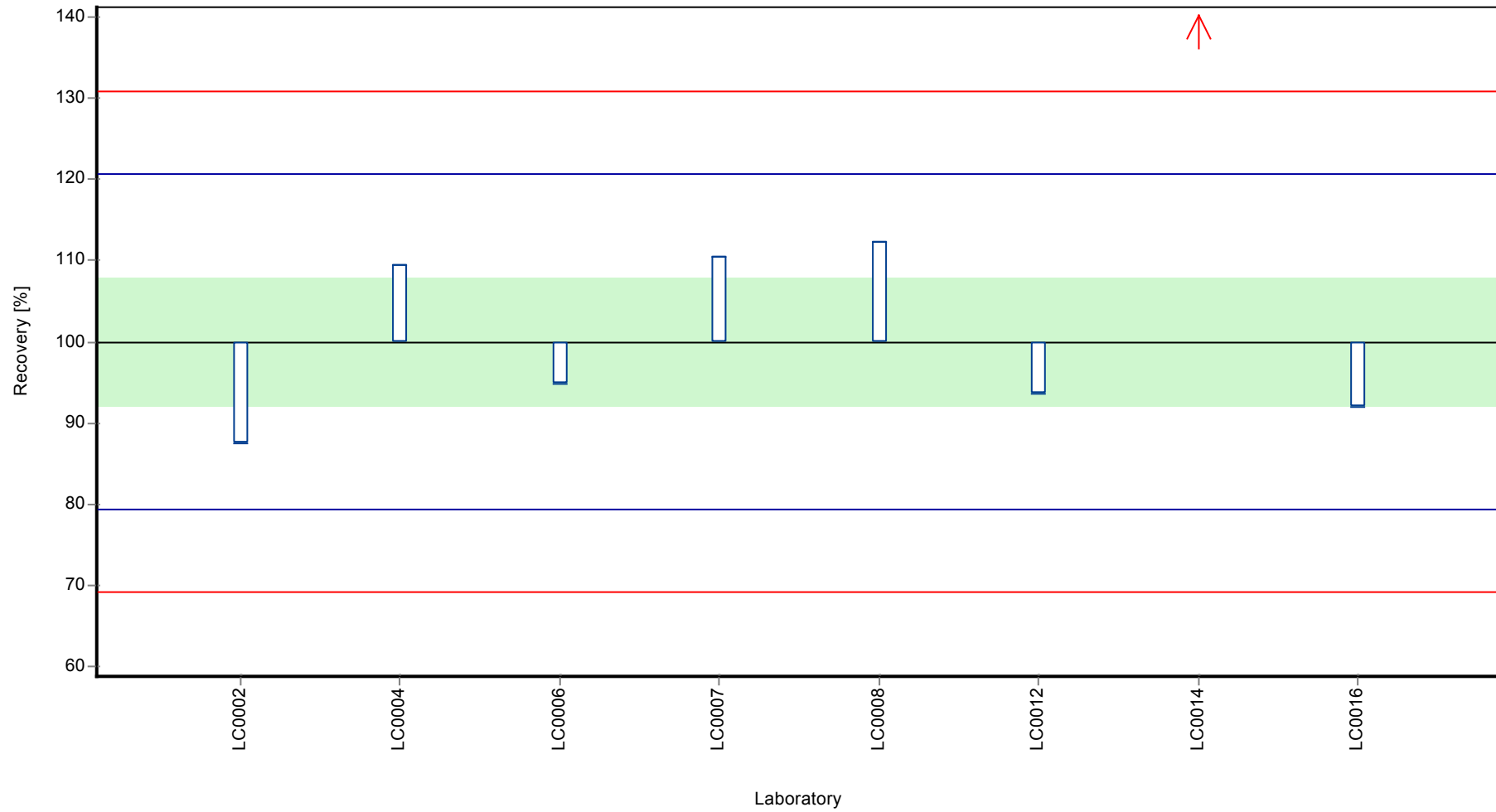
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.225 ± 0.349	0.109 ± 0.0127	µg/l
Minimum	0.095	0.095	µg/l
Maximum	1.04	0.122	µg/l
Standard deviation	0.329	0.0112	µg/l
rel. Standard deviation	146	10.3 %	
n	8	7	-

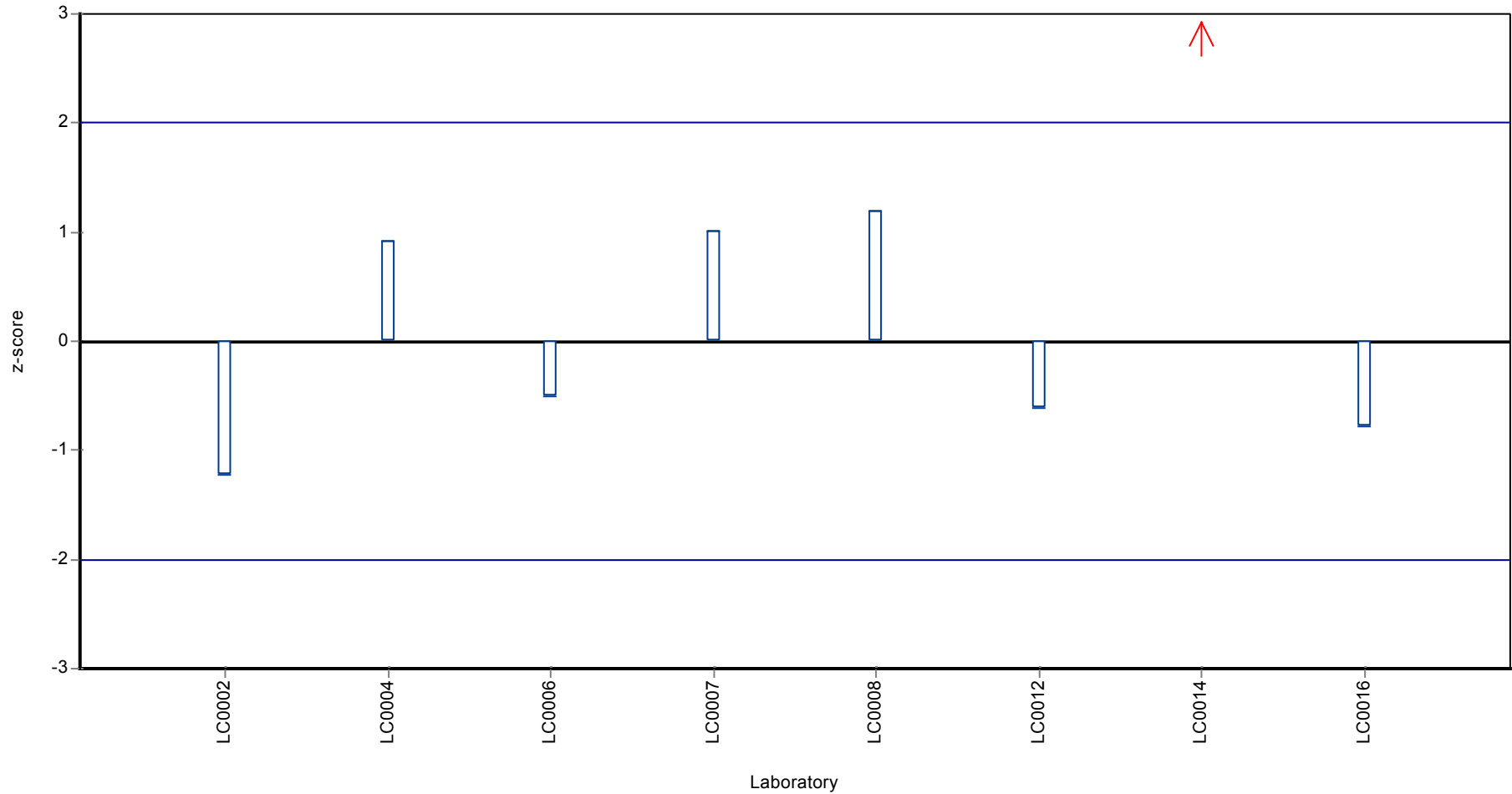
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H102 A

Thiamethoxam

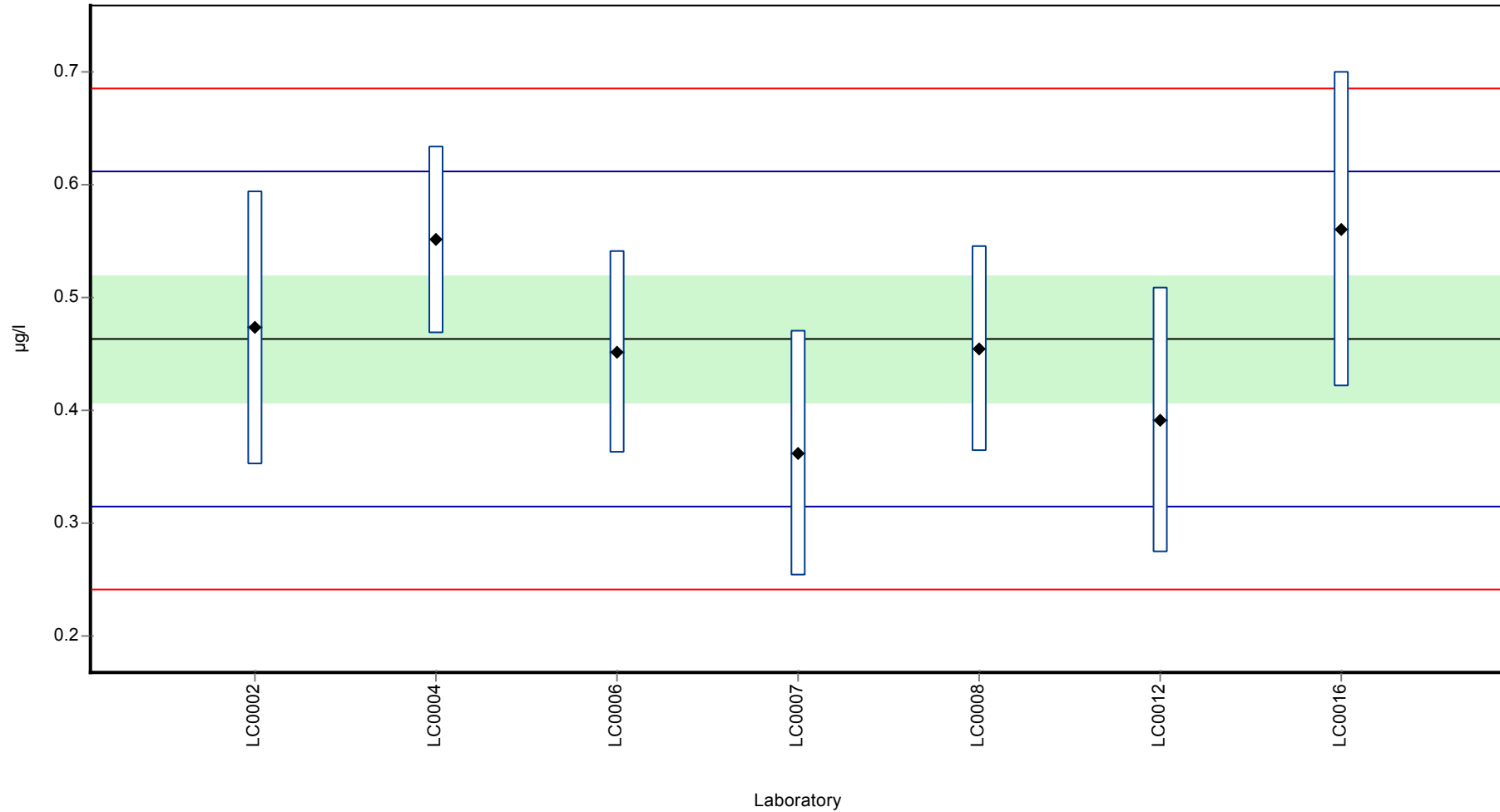
Unit	µg/l
Mean ± CI (99%)	0.463 ± 0.0838
Minimum - Maximum	0.362 - 0.56
Control test value ± U	0.477 ± 0.0715

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.473	0.121	102	0.13	
LC0003	-	-	-	-	
LC0004	0.551	0.083	119	1.19	
LC0005	-	-	-	-	
LC0006	0.452	0.09	97.6	-0.15	
LC0007	0.362	0.1086	78.1	-1.37	
LC0008	0.454	0.091	98	-0.13	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.3914	0.1174	84.5	-0.97	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.56	0.14	121	1.31	
LC0017	-	-	-	-	

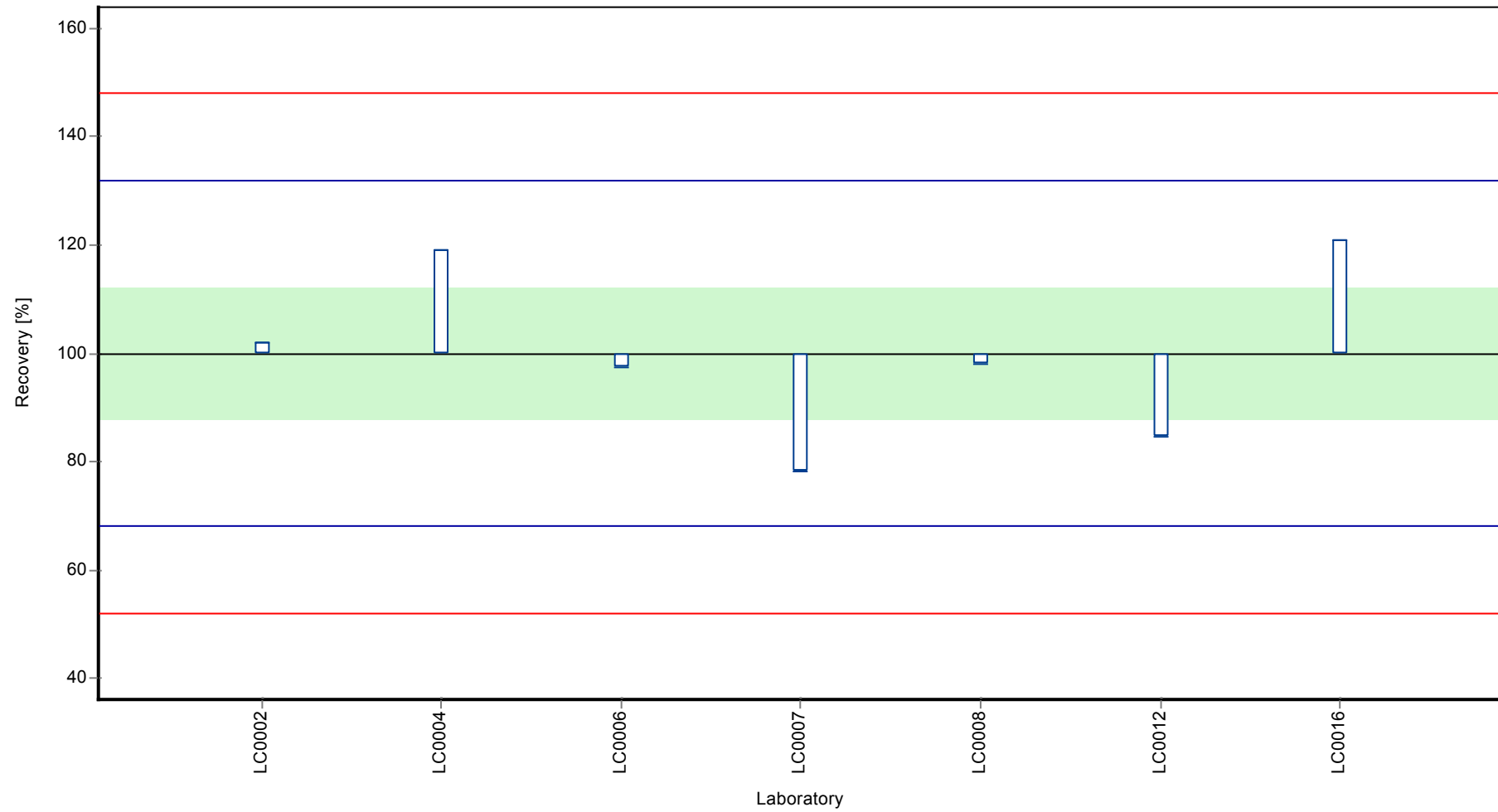
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.463 ± 0.0838	0.463 ± 0.0838	µg/l
Minimum	0.362	0.362	µg/l
Maximum	0.56	0.56	µg/l
Standard deviation	0.0739	0.0739	µg/l
rel. Standard deviation	16	16	%
n	7	7	-

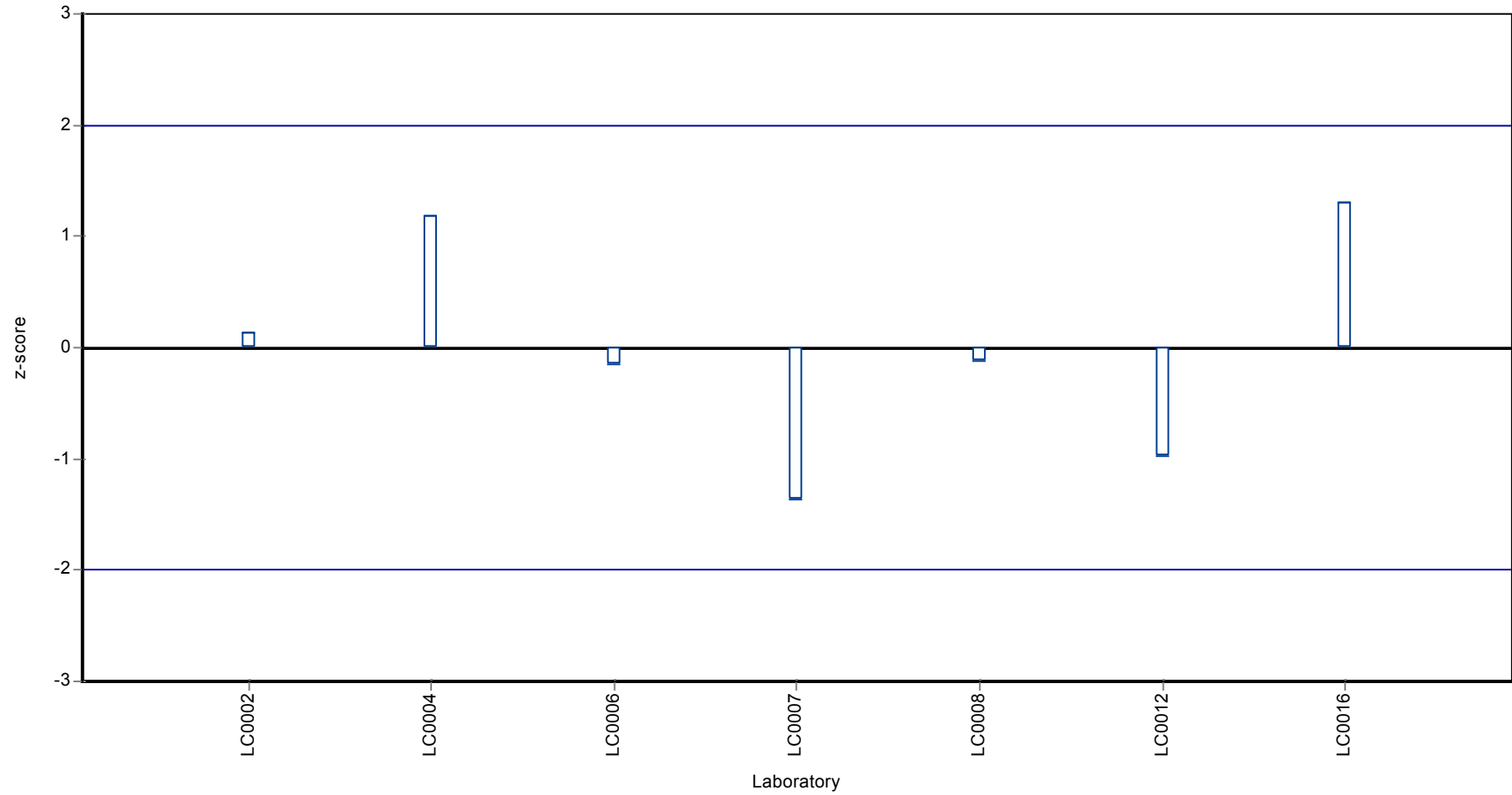
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H102 B

Thiamethoxam

Unit	µg/l
Mean ± CI (99%)	0.102 ± 0.0424
Minimum - Maximum	0.06 - 0.145
Control test value ± U	0.117 ± 0.0176

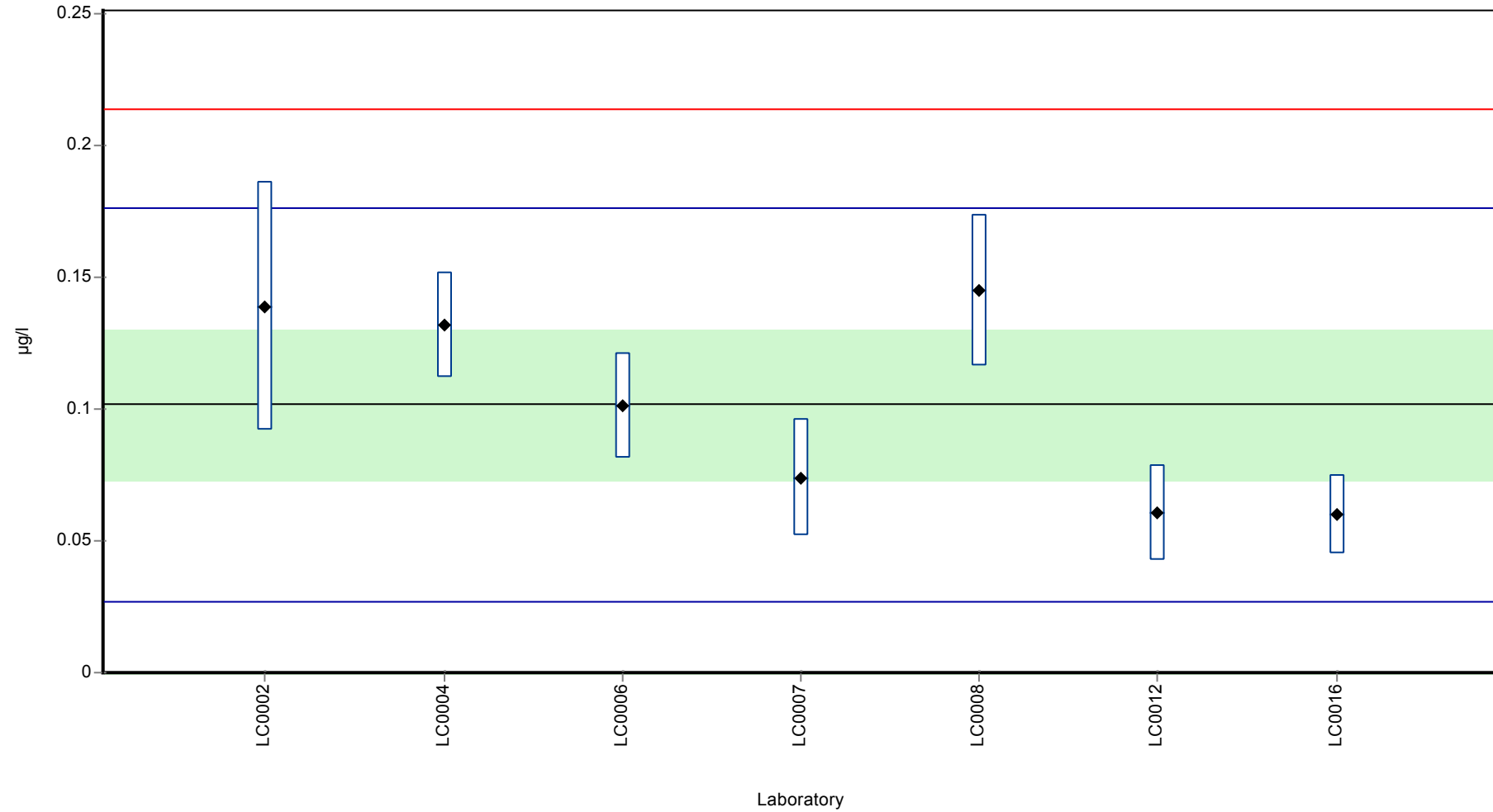
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.139	0.047	137	1	
LC0003	-	-	-	-	
LC0004	0.132	0.02	130	0.81	
LC0005	-	-	-	-	
LC0006	0.101	0.02	99.4	-0.02	
LC0007	0.074	0.0222	72.8	-0.74	
LC0008	0.145	0.029	143	1.16	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.0605	0.01815	59.5	-1.1	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.06	0.015	59	-1.11	
LC0017	-	-	-	-	

Characteristics of parameter

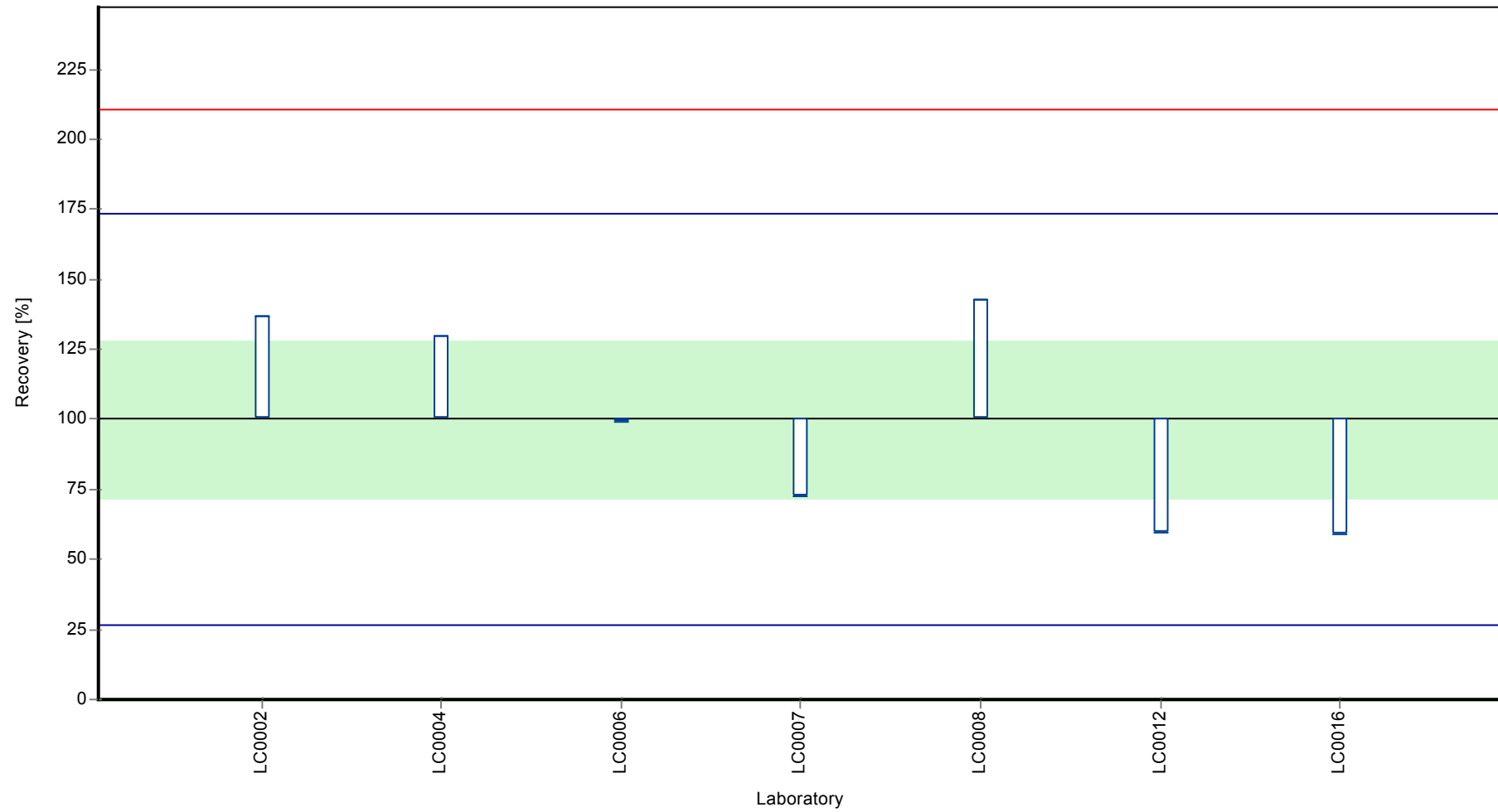
	all results	without outliers	Unit
Mean ± CI (99%)	0.102 ± 0.0424	0.102 ± 0.0424	µg/l
Minimum	0.06	0.06	µg/l
Maximum	0.145	0.145	µg/l
Standard deviation	0.0374	0.0374	µg/l
rel. Standard deviation	36.8	36.8	%
n	7	7	-

Graphical presentation of results

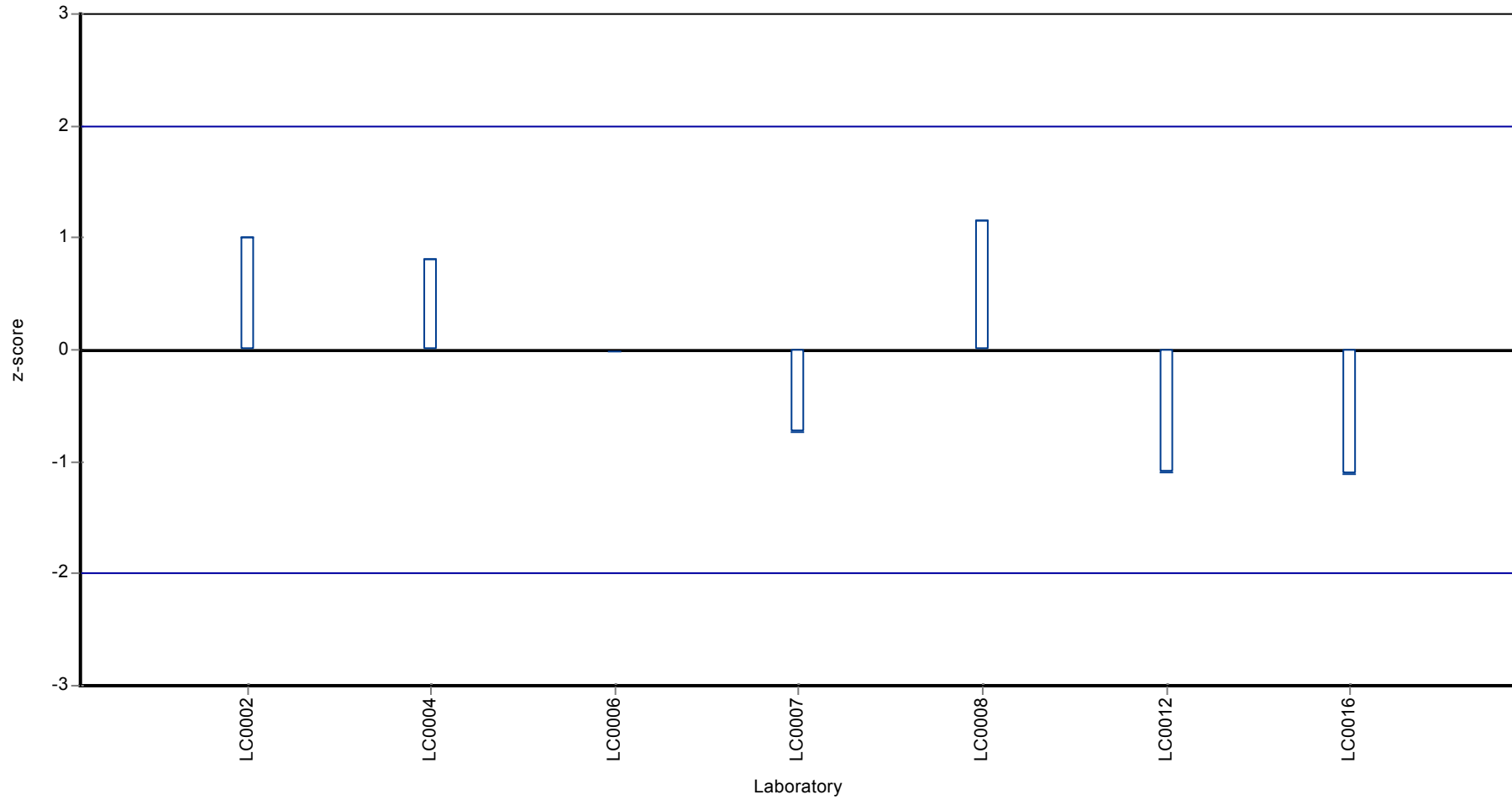
Results



Recovery rate



Z-score



8 Laboratory oriented report

The laboratory oriented report is sorted by laboratory code.

The following results were achieved:

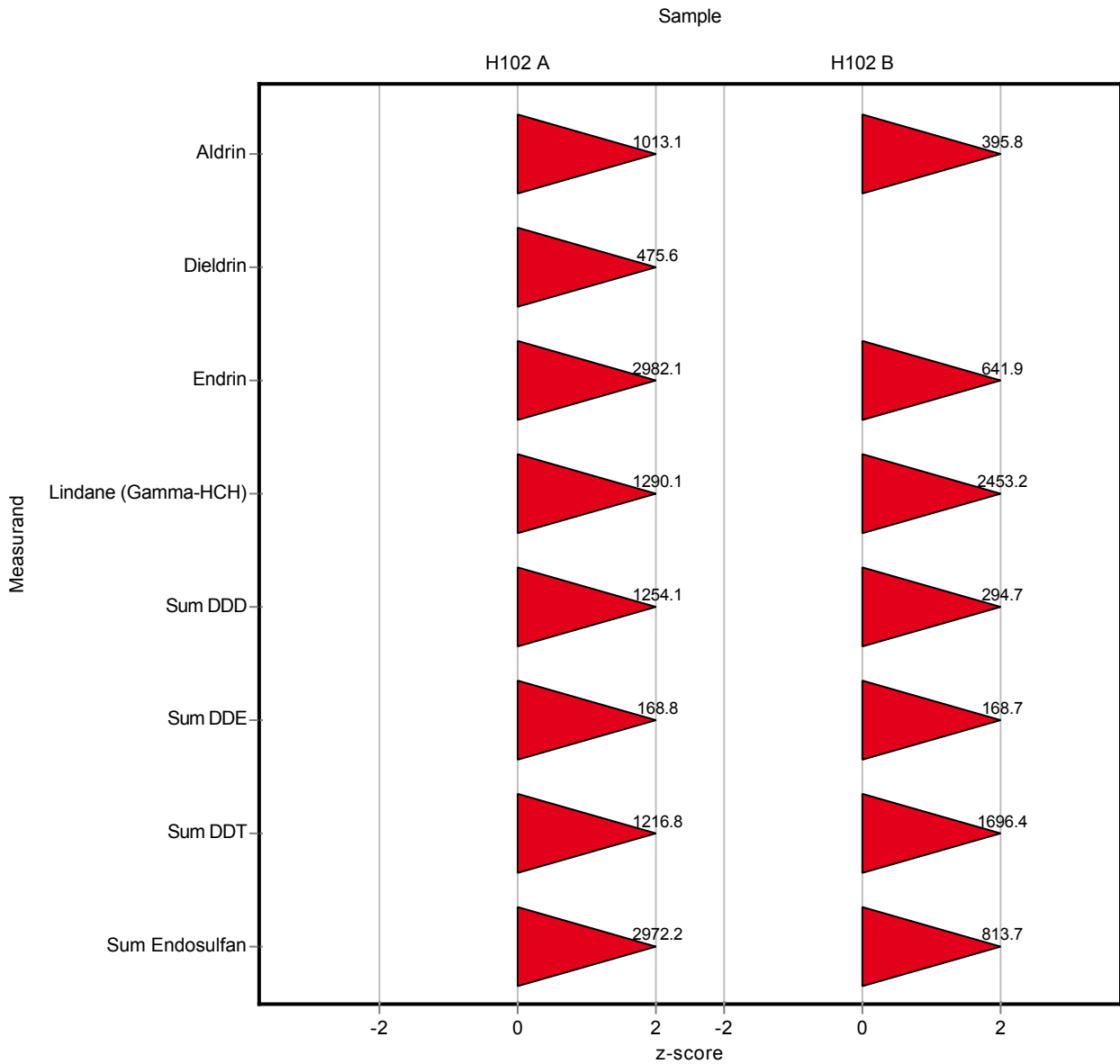
Sample: H102A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	0.0977	± 0.01	-	-	0.00817	-	-
Aldrin	µg/l	0.167	± 0.0972	93	9.3	0.0916	55700	1010.00
Atrazine	µg/l	0.181	± 0.0223	-	-	0.0247	-	-
Atrazine-desethyl	µg/l	0.358	± 0.0276	-	-	0.0276	-	-
Atrazine-desisopropyl	µg/l	0.169	± 0.0231	-	-	0.0231	-	-
Bromacil	µg/l	0.215	± 0.0666	-	-	0.0587	-	-
Clothianidin	µg/l	-	± -	-	-	-	-	-
Cyanazine	µg/l	0.162	± 0.0423	-	-	0.0446	-	-
Dieldrin	µg/l	0.107	± 0.0235	13	1.3	0.0271	12200	476.00
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	0.254	± 0.0261	69	6.9	0.0231	27200	2980.00
Heptachlor	µg/l	0.0912	± 0.0415	-	-	0.0479	-	-
Imidacloprid	µg/l	-	± -	-	-	-	-	-
Lindane (Gamma-HCH)	µg/l	0.301	± 0.0645	88	8.8	0.068	29200	1290.00
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.254	± 0.0426	-	-	0.0402	-	-
Propazine	µg/l	-	± -	-	-	-	-	-
Sum Chlordane	µg/l	-	± -	34	3.4	-	-	-
Sum DDD	µg/l	0.217	± 0.133	136	13.6	0.108	62600	1250.00
Sum DDE	µg/l	0.31	± 0.092	13	1.3	0.0752	4190	169.00
Sum DDT	µg/l	0.385	± 0.161	185	18.5	0.152	48000	1220.00
Sum Endosulfan	µg/l	0.114	± 0.0506	123	12.3	0.0413	108000	2970.00
Thiacloprid	µg/l	0.612	± 0.0529	-	-	0.0467	-	-
Thiamethoxam	µg/l	0.463	± 0.0838	-	-	0.0739	-	-

Sample: H102B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.208	± 0.146	64	6.4	0.161	30800	396.00
Atrazine	µg/l	-	± -	-	-	-	-	-
Atrazine-desethyl	µg/l	0.658	± 0.0692	-	-	0.0692	-	-
Atrazine-desisopropyl	µg/l	0.572	± 0.0557	-	-	0.0557	-	-
Bromacil	µg/l	0.201	± 0.0614	-	-	0.0501	-	-
Clothianidin	µg/l	0.584	± 0.0703	-	-	0.0574	-	-

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Cyanazine	µg/l	0.201	± 0.052	-	-	0.0549	-	-
Dieldrin	µg/l	-	± -	22	2.2	-	-	-
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	0.355	± 0.0688	42	4.2	0.0649	11800	642.00
Heptachlor	µg/l	-	± -	40	4	-	-	-
Imidacloprid	µg/l	-	± -	-	-	-	-	-
Lindane (Gamma-HCH)	µg/l	0.301	± 0.0321	79	7.9	0.0321	26300	2450.00
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.526	± 0.0809	-	-	0.0763	-	-
Propazine	µg/l	0.297	± 0.0314	-	-	0.0296	-	-
Sum Chlordane	µg/l	-	± -	169	16.9	-	-	-
Sum DDD	µg/l	0.327	± 0.211	51	5.1	0.172	15600	295.00
Sum DDE	µg/l	0.345	± 0.146	22	2.2	0.128	6380	169.00
Sum DDT	µg/l	0.16	± 0.0887	142	14.2	0.0836	89000	1700.00
Sum Endosulfan	µg/l	0.687	± 0.243	175	17.5	0.214	25500	814.00
Thiacloprid	µg/l	0.109	± 0.0127	-	-	0.0112	-	-
Thiamethoxam	µg/l	0.102	± 0.0424	-	-	0.0374	-	-



The following results were achieved:

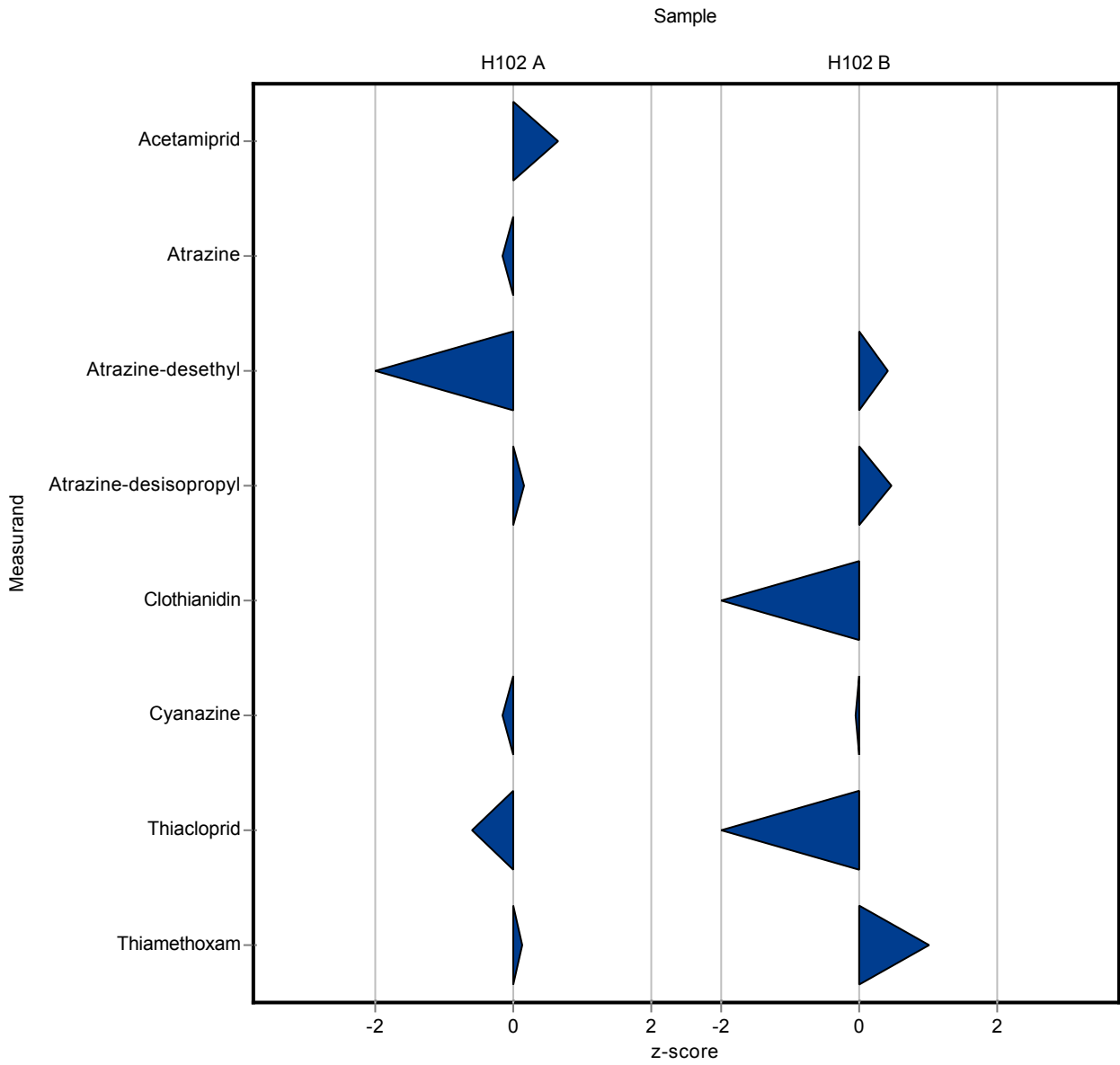
Sample: H102A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	0.0977	± 0.01	0.103	0.01	0.00817	105	0.65
Aldrin	µg/l	0.167	± 0.0972	-	-	0.0916	-	-
Atrazine	µg/l	0.181	± 0.0223	0.177	0.019	0.0247	97.9	-0.15
Atrazine-desethyl	µg/l	0.358	± 0.0276	0.33	0.033	0.0276	92.2	-1.01
Atrazine-desisopropyl	µg/l	0.169	± 0.0231	0.172	0.017	0.0231	102	0.15
Bromacil	µg/l	0.215	± 0.0666	-	-	0.0587	-	-
Clothianidin	µg/l	-	± -	<0.0022	-	-	-	-
Cyanazine	µg/l	0.162	± 0.0423	0.155	0.02	0.0446	95.9	-0.15
Dieldrin	µg/l	0.107	± 0.0235	-	-	0.0271	-	-
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	0.254	± 0.0261	-	-	0.0231	-	-
Heptachlor	µg/l	0.0912	± 0.0415	-	-	0.0479	-	-
Imidacloprid	µg/l	-	± -	0.265	0.019	-	-	-
Lindane (Gamma-HCH)	µg/l	0.301	± 0.0645	-	-	0.068	-	-
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.254	± 0.0426	-	-	0.0402	-	-
Propazine	µg/l	-	± -	-	-	-	-	-
Sum Chlordane	µg/l	-	± -	-	-	-	-	-
Sum DDD	µg/l	0.217	± 0.133	-	-	0.108	-	-
Sum DDE	µg/l	0.31	± 0.092	-	-	0.0752	-	-
Sum DDT	µg/l	0.385	± 0.161	-	-	0.152	-	-
Sum Endosulfan	µg/l	0.114	± 0.0506	-	-	0.0413	-	-
Thiacloprid	µg/l	0.612	± 0.0529	0.584	0.052	0.0467	95.4	-0.60
Thiamethoxam	µg/l	0.463	± 0.0838	0.473	0.121	0.0739	102	0.13

Sample: H102B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	0.702	0.082	-	-	-
Aldrin	µg/l	0.208	± 0.146	-	-	0.161	-	-
Atrazine	µg/l	-	± -	-	-	-	-	-
Atrazine-desethyl	µg/l	0.658	± 0.0692	0.687	0.021	0.0692	104	0.42
Atrazine-desisopropyl	µg/l	0.572	± 0.0557	0.598	0.031	0.0557	105	0.47
Bromacil	µg/l	0.201	± 0.0614	-	-	0.0501	-	-
Clothianidin	µg/l	0.584	± 0.0703	0.515	0.029	0.0574	88.2	-1.20

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Cyanazine	µg/l	0.201	± 0.052	0.197	0.023	0.0549	98.2	-0.07
Dieldrin	µg/l	-	± -	-	-	-	-	-
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	0.355	± 0.0688	-	-	0.0649	-	-
Heptachlor	µg/l	-	± -	-	-	-	-	-
Imidacloprid	µg/l	-	± -	0.474	0.028	-	-	-
Lindane (Gamma-HCH)	µg/l	0.301	± 0.0321	-	-	0.0321	-	-
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.526	± 0.0809	-	-	0.0763	-	-
Propazine	µg/l	0.297	± 0.0314	-	-	0.0296	-	-
Sum Chlordane	µg/l	-	± -	-	-	-	-	-
Sum DDD	µg/l	0.327	± 0.211	-	-	0.172	-	-
Sum DDE	µg/l	0.345	± 0.146	-	-	0.128	-	-
Sum DDT	µg/l	0.16	± 0.0887	-	-	0.0836	-	-
Sum Endosulfan	µg/l	0.687	± 0.243	-	-	0.214	-	-
Thiacloprid	µg/l	0.109	± 0.0127	0.095	0.024	0.0112	87.4	-1.22
Thiamethoxam	µg/l	0.102	± 0.0424	0.139	0.047	0.0374	137	1.00



The following results were achieved:

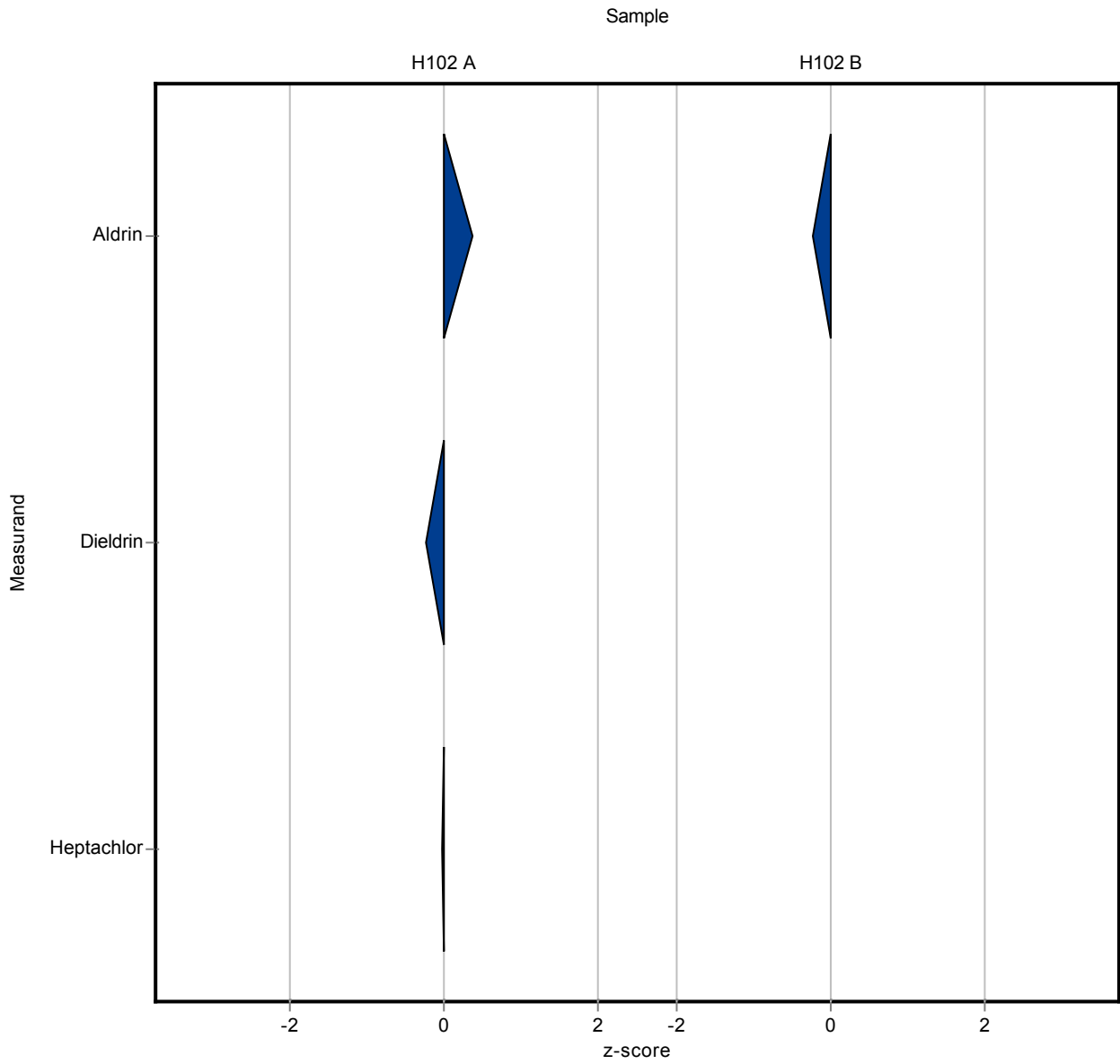
Sample: H102A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	0.0977	± 0.01	-	-	0.00817	-	-
Aldrin	µg/l	0.167	± 0.0972	0.201	0.02	0.0916	120	0.37
Atrazine	µg/l	0.181	± 0.0223	-	-	0.0247	-	-
Atrazine-desethyl	µg/l	0.358	± 0.0276	-	-	0.0276	-	-
Atrazine-desisopropyl	µg/l	0.169	± 0.0231	-	-	0.0231	-	-
Bromacil	µg/l	0.215	± 0.0666	-	-	0.0587	-	-
Clothianidin	µg/l	-	± -	-	-	-	-	-
Cyanazine	µg/l	0.162	± 0.0423	-	-	0.0446	-	-
Dieldrin	µg/l	0.107	± 0.0235	0.1	0.02	0.0271	93.8	-0.24
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	0.254	± 0.0261	-	-	0.0231	-	-
Heptachlor	µg/l	0.0912	± 0.0415	0.09	0.02	0.0479	98.7	-0.02
Imidacloprid	µg/l	-	± -	-	-	-	-	-
Lindane (Gamma-HCH)	µg/l	0.301	± 0.0645	-	-	0.068	-	-
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.254	± 0.0426	-	-	0.0402	-	-
Propazine	µg/l	-	± -	-	-	-	-	-
Sum Chlordane	µg/l	-	± -	-	-	-	-	-
Sum DDD	µg/l	0.217	± 0.133	-	-	0.108	-	-
Sum DDE	µg/l	0.31	± 0.092	-	-	0.0752	-	-
Sum DDT	µg/l	0.385	± 0.161	-	-	0.152	-	-
Sum Endosulfan	µg/l	0.114	± 0.0506	-	-	0.0413	-	-
Thiacloprid	µg/l	0.612	± 0.0529	-	-	0.0467	-	-
Thiamethoxam	µg/l	0.463	± 0.0838	-	-	0.0739	-	-

Sample: H102B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.208	± 0.146	0.173	0.02	0.161	83.2	-0.22
Atrazine	µg/l	-	± -	-	-	-	-	-
Atrazine-desethyl	µg/l	0.658	± 0.0692	-	-	0.0692	-	-
Atrazine-desisopropyl	µg/l	0.572	± 0.0557	-	-	0.0557	-	-
Bromacil	µg/l	0.201	± 0.0614	-	-	0.0501	-	-
Clothianidin	µg/l	0.584	± 0.0703	-	-	0.0574	-	-

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Cyanazine	µg/l	0.201	± 0.052	-	-	0.0549	-	-
Dieldrin	µg/l	-	± -	<0.03 (LOQ)	-	-	-	-
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	0.355	± 0.0688	-	-	0.0649	-	-
Heptachlor	µg/l	-	± -	<0.03 (LOQ)	-	-	-	-
Imidacloprid	µg/l	-	± -	-	-	-	-	-
Lindane (Gamma-HCH)	µg/l	0.301	± 0.0321	-	-	0.0321	-	-
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.526	± 0.0809	-	-	0.0763	-	-
Propazine	µg/l	0.297	± 0.0314	-	-	0.0296	-	-
Sum Chlordane	µg/l	-	± -	-	-	-	-	-
Sum DDD	µg/l	0.327	± 0.211	-	-	0.172	-	-
Sum DDE	µg/l	0.345	± 0.146	-	-	0.128	-	-
Sum DDT	µg/l	0.16	± 0.0887	-	-	0.0836	-	-
Sum Endosulfan	µg/l	0.687	± 0.243	-	-	0.214	-	-
Thiacloprid	µg/l	0.109	± 0.0127	-	-	0.0112	-	-
Thiamethoxam	µg/l	0.102	± 0.0424	-	-	0.0374	-	-



The following results were achieved:

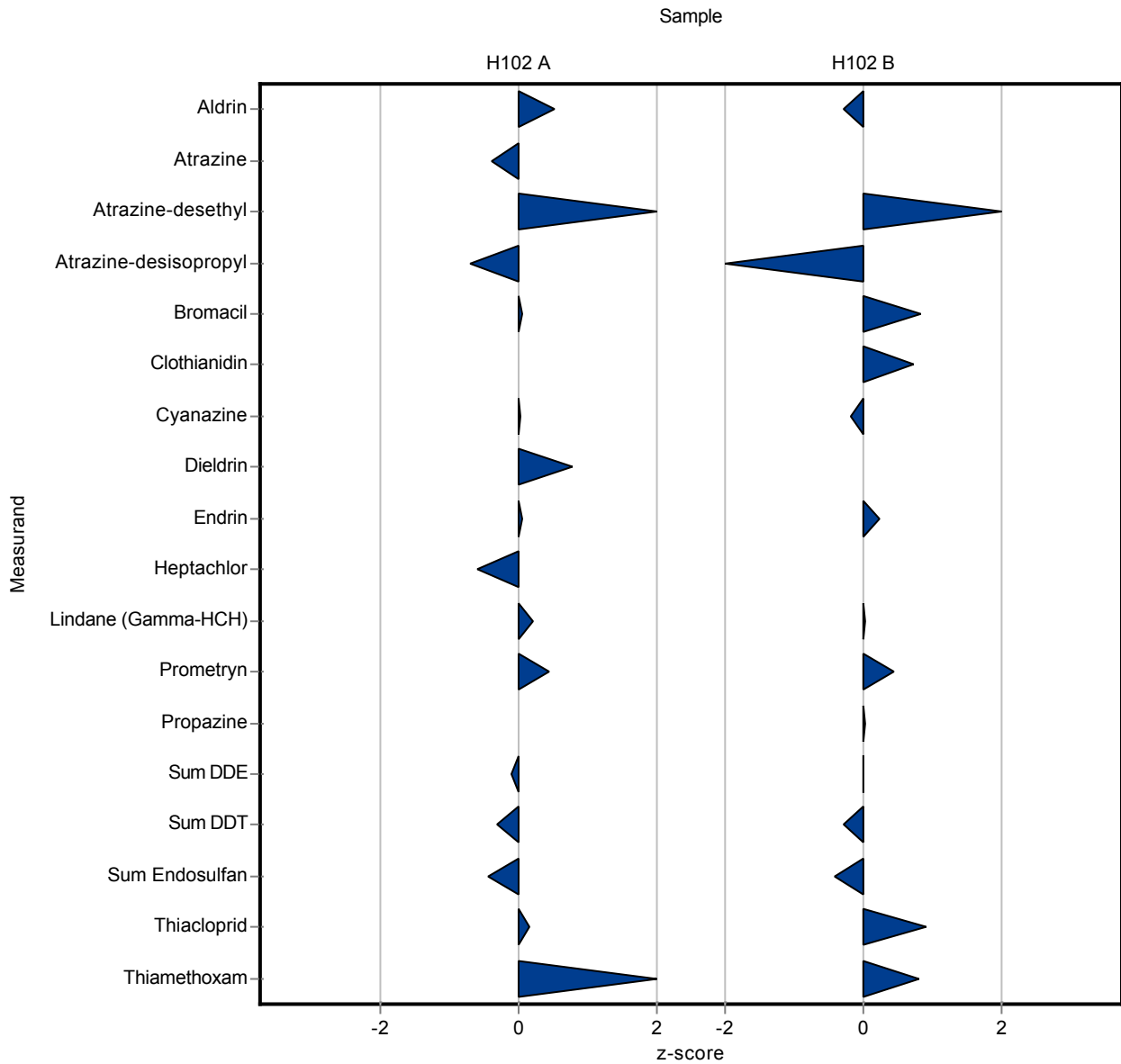
Sample: H102A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	0.0977	± 0.01	-	-	0.00817	-	-
Aldrin	µg/l	0.167	± 0.0972	0.214	0.032	0.0916	128	0.51
Atrazine	µg/l	0.181	± 0.0223	0.171	0.026	0.0247	94.6	-0.40
Atrazine-desethyl	µg/l	0.358	± 0.0276	0.404	0.061	0.0276	113	1.67
Atrazine-desisopropyl	µg/l	0.169	± 0.0231	0.152	0.023	0.0231	90.2	-0.71
Bromacil	µg/l	0.215	± 0.0666	0.218	0.033	0.0587	101	0.05
Clothianidin	µg/l	-	± -	<0.03 (LOQ)	-	-	-	-
Cyanazine	µg/l	0.162	± 0.0423	0.163	0.024	0.0446	101	0.03
Dieldrin	µg/l	0.107	± 0.0235	0.128	0.019	0.0271	120	0.79
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	0.254	± 0.0261	0.255	0.038	0.0231	100	0.05
Heptachlor	µg/l	0.0912	± 0.0415	0.063	0.01	0.0479	69.1	-0.59
Imidacloprid	µg/l	-	± -	-	-	-	-	-
Lindane (Gamma-HCH)	µg/l	0.301	± 0.0645	0.316	0.048	0.068	105	0.22
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.254	± 0.0426	0.272	0.041	0.0402	107	0.45
Propazine	µg/l	-	± -	0.707	0.106	-	-	-
Sum Chlordane	µg/l	-	± -	0.088	0.013	-	-	-
Sum DDD	µg/l	0.217	± 0.133	-	-	0.108	-	-
Sum DDE	µg/l	0.31	± 0.092	0.302	0.045	0.0752	97.3	-0.11
Sum DDT	µg/l	0.385	± 0.161	0.338	0.051	0.152	87.7	-0.31
Sum Endosulfan	µg/l	0.114	± 0.0506	0.095	0.014	0.0413	83.6	-0.45
Thiacloprid	µg/l	0.612	± 0.0529	0.619	0.093	0.0467	101	0.15
Thiamethoxam	µg/l	0.463	± 0.0838	0.551	0.083	0.0739	119	1.19

Sample: H102B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.208	± 0.146	0.162	0.024	0.161	77.9	-0.28
Atrazine	µg/l	-	± -	<0.03 (LOQ)	-	-	-	-
Atrazine-desethyl	µg/l	0.658	± 0.0692	0.732	0.11	0.0692	111	1.07
Atrazine-desisopropyl	µg/l	0.572	± 0.0557	0.477	0.072	0.0557	83.5	-1.70
Bromacil	µg/l	0.201	± 0.0614	0.242	0.036	0.0501	120	0.82
Clothianidin	µg/l	0.584	± 0.0703	0.625	0.094	0.0574	107	0.72

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Cyanazine	µg/l	0.201	± 0.052	0.191	0.029	0.0549	95.2	-0.17
Dieldrin	µg/l	-	± -	<0.03 (LOQ)	-	-	-	-
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	0.355	± 0.0688	0.37	0.056	0.0649	104	0.23
Heptachlor	µg/l	-	± -	<0.03 (LOQ)	-	-	-	-
Imidacloprid	µg/l	-	± -	-	-	-	-	-
Lindane (Gamma-HCH)	µg/l	0.301	± 0.0321	0.302	0.045	0.0321	100	0.03
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.526	± 0.0809	0.56	0.084	0.0763	106	0.45
Propazine	µg/l	0.297	± 0.0314	0.298	0.045	0.0296	100	0.03
Sum Chlordane	µg/l	-	± -	0.25	0.038	-	-	-
Sum DDD	µg/l	0.327	± 0.211	-	-	0.172	-	-
Sum DDE	µg/l	0.345	± 0.146	0.345	0.052	0.128	100	0.00
Sum DDT	µg/l	0.16	± 0.0887	0.136	0.021	0.0836	85.2	-0.28
Sum Endosulfan	µg/l	0.687	± 0.243	0.599	0.09	0.214	87.2	-0.41
Thiacloprid	µg/l	0.109	± 0.0127	0.119	0.018	0.0112	109	0.92
Thiamethoxam	µg/l	0.102	± 0.0424	0.132	0.02	0.0374	130	0.81



The following results were achieved:

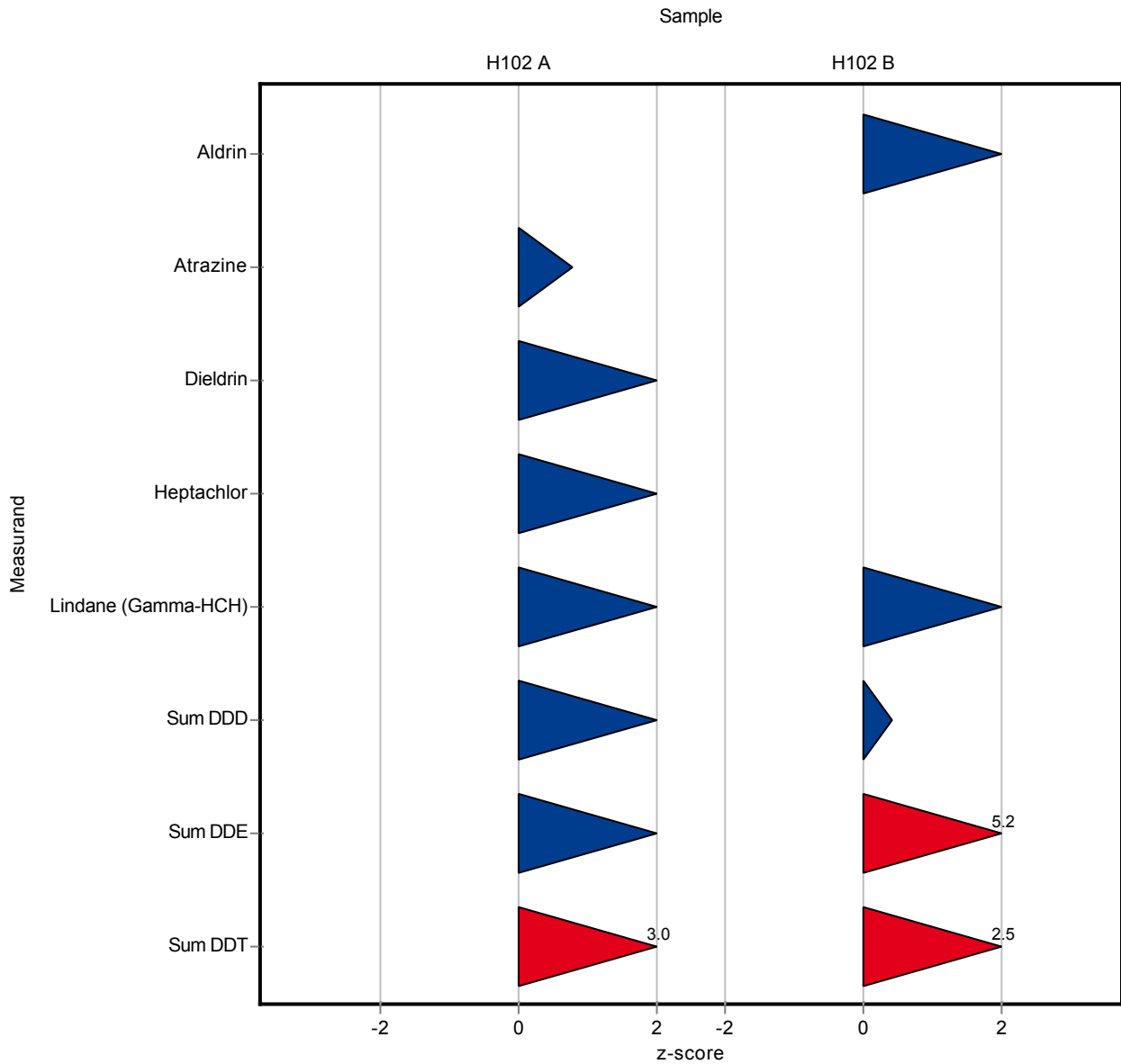
Sample: H102A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	0.0977	± 0.01	-	-	0.00817	-	-
Aldrin	µg/l	0.167	± 0.0972	<0.005	-	0.0916	-	-
Atrazine	µg/l	0.181	± 0.0223	0.2	0.08	0.0247	111	0.78
Atrazine-desethyl	µg/l	0.358	± 0.0276	-	-	0.0276	-	-
Atrazine-desisopropyl	µg/l	0.169	± 0.0231	-	-	0.0231	-	-
Bromacil	µg/l	0.215	± 0.0666	-	-	0.0587	-	-
Clothianidin	µg/l	-	± -	-	-	-	-	-
Cyanazine	µg/l	0.162	± 0.0423	-	-	0.0446	-	-
Dieldrin	µg/l	0.107	± 0.0235	0.15	0.05	0.0271	141	1.60
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	0.254	± 0.0261	-	-	0.0231	-	-
Heptachlor	µg/l	0.0912	± 0.0415	0.15	0.05	0.0479	165	1.23
Imidacloprid	µg/l	-	± -	-	-	-	-	-
Lindane (Gamma-HCH)	µg/l	0.301	± 0.0645	0.43	0.13	0.068	143	1.89
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.254	± 0.0426	-	-	0.0402	-	-
Propazine	µg/l	-	± -	-	-	-	-	-
Sum Chlordane	µg/l	-	± -	0.24	0.07	-	-	-
Sum DDD	µg/l	0.217	± 0.133	0.37	0.11	0.108	170	1.41
Sum DDE	µg/l	0.31	± 0.092	0.44	0.13	0.0752	142	1.72
Sum DDT	µg/l	0.385	± 0.161	0.84	0.25	0.152	218	3.00
Sum Endosulfan	µg/l	0.114	± 0.0506	-	-	0.0413	-	-
Thiacloprid	µg/l	0.612	± 0.0529	-	-	0.0467	-	-
Thiamethoxam	µg/l	0.463	± 0.0838	-	-	0.0739	-	-

Sample: H102B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.208	± 0.146	0.38	0.11	0.161	183	1.07
Atrazine	µg/l	-	± -	<0.2 (LOQ)	-	-	-	-
Atrazine-desethyl	µg/l	0.658	± 0.0692	-	-	0.0692	-	-
Atrazine-desisopropyl	µg/l	0.572	± 0.0557	-	-	0.0557	-	-
Bromacil	µg/l	0.201	± 0.0614	-	-	0.0501	-	-
Clothianidin	µg/l	0.584	± 0.0703	-	-	0.0574	-	-

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Cyanazine	µg/l	0.201	± 0.052	-	-	0.0549	-	-
Dieldrin	µg/l	-	± -	<0.005	-	-	-	-
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	0.355	± 0.0688	-	-	0.0649	-	-
Heptachlor	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Imidacloprid	µg/l	-	± -	-	-	-	-	-
Lindane (Gamma-HCH)	µg/l	0.301	± 0.0321	0.36	0.11	0.0321	120	1.84
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.526	± 0.0809	-	-	0.0763	-	-
Propazine	µg/l	0.297	± 0.0314	-	-	0.0296	-	-
Sum Chlordane	µg/l	-	± -	0.65	0.2	-	-	-
Sum DDD	µg/l	0.327	± 0.211	0.4	0.12	0.172	122	0.42
Sum DDE	µg/l	0.345	± 0.146	1.01	0.3	0.128	293	5.18
Sum DDT	µg/l	0.16	± 0.0887	0.37	0.11	0.0836	232	2.52
Sum Endosulfan	µg/l	0.687	± 0.243	-	-	0.214	-	-
Thiacloprid	µg/l	0.109	± 0.0127	-	-	0.0112	-	-
Thiamethoxam	µg/l	0.102	± 0.0424	-	-	0.0374	-	-



The following results were achieved:

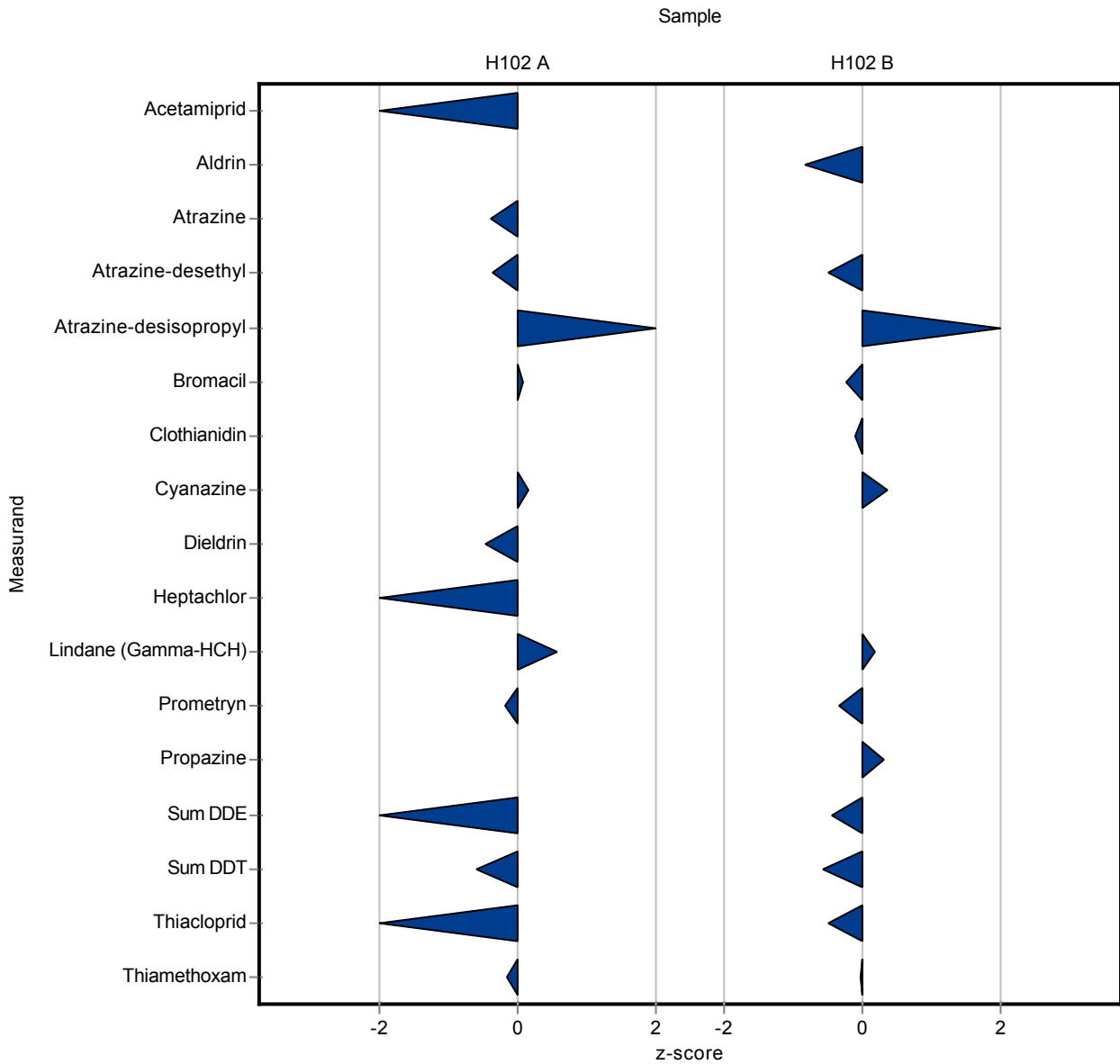
Sample: H102A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	0.0977	± 0.01	0.088	0.018	0.00817	90.1	-1.18
Aldrin	µg/l	0.167	± 0.0972	<0.03 (LOQ)	-	0.0916	-	-
Atrazine	µg/l	0.181	± 0.0223	0.171	0.034	0.0247	94.6	-0.40
Atrazine-desethyl	µg/l	0.358	± 0.0276	0.348	0.07	0.0276	97.3	-0.35
Atrazine-desisopropyl	µg/l	0.169	± 0.0231	0.214	0.043	0.0231	127	1.96
Bromacil	µg/l	0.215	± 0.0666	0.22	0.044	0.0587	102	0.09
Clothianidin	µg/l	-	± -	<0.1 (LOQ)	-	-	-	-
Cyanazine	µg/l	0.162	± 0.0423	0.169	0.034	0.0446	105	0.17
Dieldrin	µg/l	0.107	± 0.0235	0.094	0.019	0.0271	88.2	-0.47
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	0.254	± 0.0261	-	-	0.0231	-	-
Heptachlor	µg/l	0.0912	± 0.0415	0.033	0.007	0.0479	36.2	-1.22
Imidacloprid	µg/l	-	± -	0.276	0.055	-	-	-
Lindane (Gamma-HCH)	µg/l	0.301	± 0.0645	0.34	0.068	0.068	113	0.57
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.254	± 0.0426	0.246	0.049	0.0402	96.9	-0.19
Propazine	µg/l	-	± -	0.69	0.138	-	-	-
Sum Chlordane	µg/l	-	± -	0.093	0.019	-	-	-
Sum DDD	µg/l	0.217	± 0.133	-	-	0.108	-	-
Sum DDE	µg/l	0.31	± 0.092	0.207	0.041	0.0752	66.7	-1.38
Sum DDT	µg/l	0.385	± 0.161	0.294	0.059	0.152	76.3	-0.60
Sum Endosulfan	µg/l	0.114	± 0.0506	-	-	0.0413	-	-
Thiacloprid	µg/l	0.612	± 0.0529	0.547	0.109	0.0467	89.4	-1.39
Thiamethoxam	µg/l	0.463	± 0.0838	0.452	0.09	0.0739	97.6	-0.15

Sample: H102B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	0.429	0.086	-	-	-
Aldrin	µg/l	0.208	± 0.146	0.073	0.015	0.161	35.1	-0.84
Atrazine	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Atrazine-desethyl	µg/l	0.658	± 0.0692	0.623	0.125	0.0692	94.7	-0.50
Atrazine-desisopropyl	µg/l	0.572	± 0.0557	0.676	0.135	0.0557	118	1.88
Bromacil	µg/l	0.201	± 0.0614	0.189	0.038	0.0501	94.1	-0.24
Clothianidin	µg/l	0.584	± 0.0703	0.578	0.116	0.0574	99	-0.10

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Cyanazine	µg/l	0.201	± 0.052	0.22	0.044	0.0549	110	0.35
Dieldrin	µg/l	-	± -	<0.03 (LOQ)	-	-	-	-
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	0.355	± 0.0688	-	-	0.0649	-	-
Heptachlor	µg/l	-	± -	<0.03 (LOQ)	-	-	-	-
Imidacloprid	µg/l	-	± -	0.499	0.1	-	-	-
Lindane (Gamma-HCH)	µg/l	0.301	± 0.0321	0.307	0.061	0.0321	102	0.19
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.526	± 0.0809	0.5	0.1	0.0763	95.1	-0.34
Propazine	µg/l	0.297	± 0.0314	0.306	0.061	0.0296	103	0.30
Sum Chlordane	µg/l	-	± -	0.265	0.053	-	-	-
Sum DDD	µg/l	0.327	± 0.211	-	-	0.172	-	-
Sum DDE	µg/l	0.345	± 0.146	0.289	0.058	0.128	83.9	-0.43
Sum DDT	µg/l	0.16	± 0.0887	0.111	0.022	0.0836	69.5	-0.58
Sum Endosulfan	µg/l	0.687	± 0.243	-	-	0.214	-	-
Thiacloprid	µg/l	0.109	± 0.0127	0.103	0.021	0.0112	94.8	-0.51
Thiamethoxam	µg/l	0.102	± 0.0424	0.101	0.02	0.0374	99.4	-0.02



The following results were achieved:

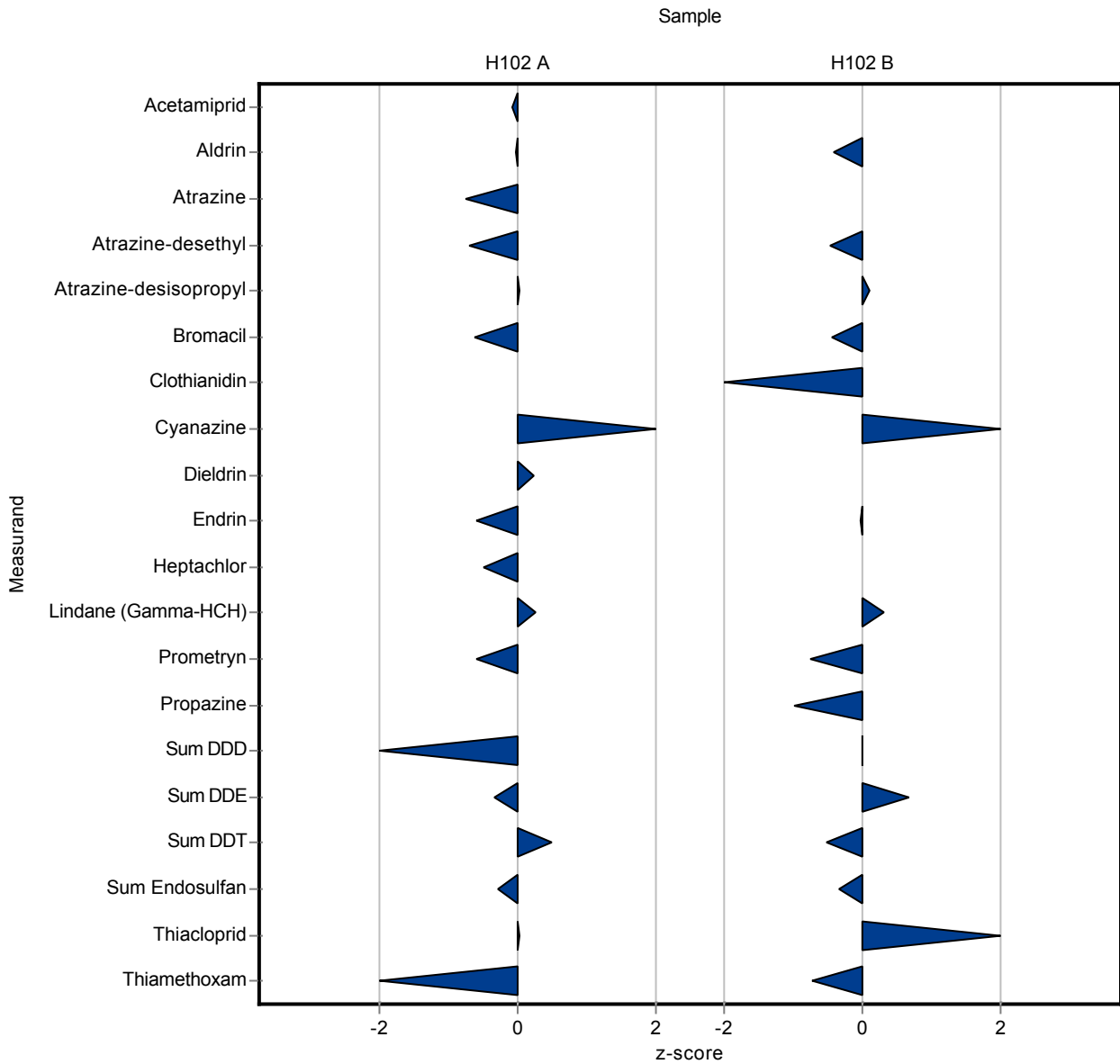
Sample: H102A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	0.0977	± 0.01	0.097	0.0291	0.00817	99.3	-0.08
Aldrin	µg/l	0.167	± 0.0972	0.165	0.0495	0.0916	98.9	-0.02
Atrazine	µg/l	0.181	± 0.0223	0.162	0.0486	0.0247	89.6	-0.76
Atrazine-desethyl	µg/l	0.358	± 0.0276	0.338	0.1014	0.0276	94.5	-0.72
Atrazine-desisopropyl	µg/l	0.169	± 0.0231	0.169	0.0507	0.0231	100	0.02
Bromacil	µg/l	0.215	± 0.0666	0.178	0.0534	0.0587	82.8	-0.63
Clothianidin	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-
Cyanazine	µg/l	0.162	± 0.0423	0.235	0.0705	0.0446	145	1.65
Dieldrin	µg/l	0.107	± 0.0235	0.113	0.0339	0.0271	106	0.24
Dinotefurane	µg/l	-	± -	0.11	0.033	-	-	-
Endrin	µg/l	0.254	± 0.0261	0.24	0.072	0.0231	94.6	-0.60
Heptachlor	µg/l	0.0912	± 0.0415	0.067	0.0201	0.0479	73.5	-0.51
Imidacloprid	µg/l	-	± -	0.264	0.0792	-	-	-
Lindane (Gamma-HCH)	µg/l	0.301	± 0.0645	0.319	0.0957	0.068	106	0.26
Nitenpyram	µg/l	-	± -	0.443	0.1329	-	-	-
Prometryn	µg/l	0.254	± 0.0426	0.23	0.069	0.0402	90.6	-0.59
Propazine	µg/l	-	± -	0.683	0.2049	-	-	-
Sum Chlordane	µg/l	-	± -	0.109	0.0327	-	-	-
Sum DDD	µg/l	0.217	± 0.133	0.065	0.0195	0.108	29.9	-1.41
Sum DDE	µg/l	0.31	± 0.092	0.285	0.0855	0.0752	91.8	-0.34
Sum DDT	µg/l	0.385	± 0.161	0.462	0.1386	0.152	120	0.51
Sum Endosulfan	µg/l	0.114	± 0.0506	0.102	0.0306	0.0413	89.7	-0.28
Thiacloprid	µg/l	0.612	± 0.0529	0.613	0.1839	0.0467	100	0.02
Thiamethoxam	µg/l	0.463	± 0.0838	0.362	0.1086	0.0739	78.1	-1.37

Sample: H102B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	0.658	0.1974	-	-	-
Aldrin	µg/l	0.208	± 0.146	0.141	0.0423	0.161	67.8	-0.41
Atrazine	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-
Atrazine-desethyl	µg/l	0.658	± 0.0692	0.625	0.1875	0.0692	95	-0.47
Atrazine-desisopropyl	µg/l	0.572	± 0.0557	0.578	0.1734	0.0557	101	0.12
Bromacil	µg/l	0.201	± 0.0614	0.179	0.0537	0.0501	89.1	-0.44
Clothianidin	µg/l	0.584	± 0.0703	0.517	0.1551	0.0574	88.5	-1.16

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Cyanazine	µg/l	0.201	± 0.052	0.307	0.0921	0.0549	153	1.94
Dieldrin	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-
Dinotefurane	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-
Endrin	µg/l	0.355	± 0.0688	0.354	0.1062	0.0649	99.8	-0.01
Heptachlor	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-
Imidacloprid	µg/l	-	± -	0.452	0.1356	-	-	-
Lindane (Gamma-HCH)	µg/l	0.301	± 0.0321	0.311	0.0933	0.0321	103	0.32
Nitenpyram	µg/l	-	± -	0.099	0.0297	-	-	-
Prometryn	µg/l	0.526	± 0.0809	0.469	0.1407	0.0763	89.2	-0.75
Propazine	µg/l	0.297	± 0.0314	0.268	0.0804	0.0296	90.2	-0.98
Sum Chlordane	µg/l	-	± -	0.307	0.0921	-	-	-
Sum DDD	µg/l	0.327	± 0.211	0.329	0.0987	0.172	101	0.01
Sum DDE	µg/l	0.345	± 0.146	0.431	0.1293	0.128	125	0.67
Sum DDT	µg/l	0.16	± 0.0887	0.116	0.0348	0.0836	72.7	-0.52
Sum Endosulfan	µg/l	0.687	± 0.243	0.617	0.1851	0.214	89.8	-0.33
Thiacloprid	µg/l	0.109	± 0.0127	0.12	0.036	0.0112	110	1.01
Thiamethoxam	µg/l	0.102	± 0.0424	0.074	0.0222	0.0374	72.8	-0.74



The following results were achieved:

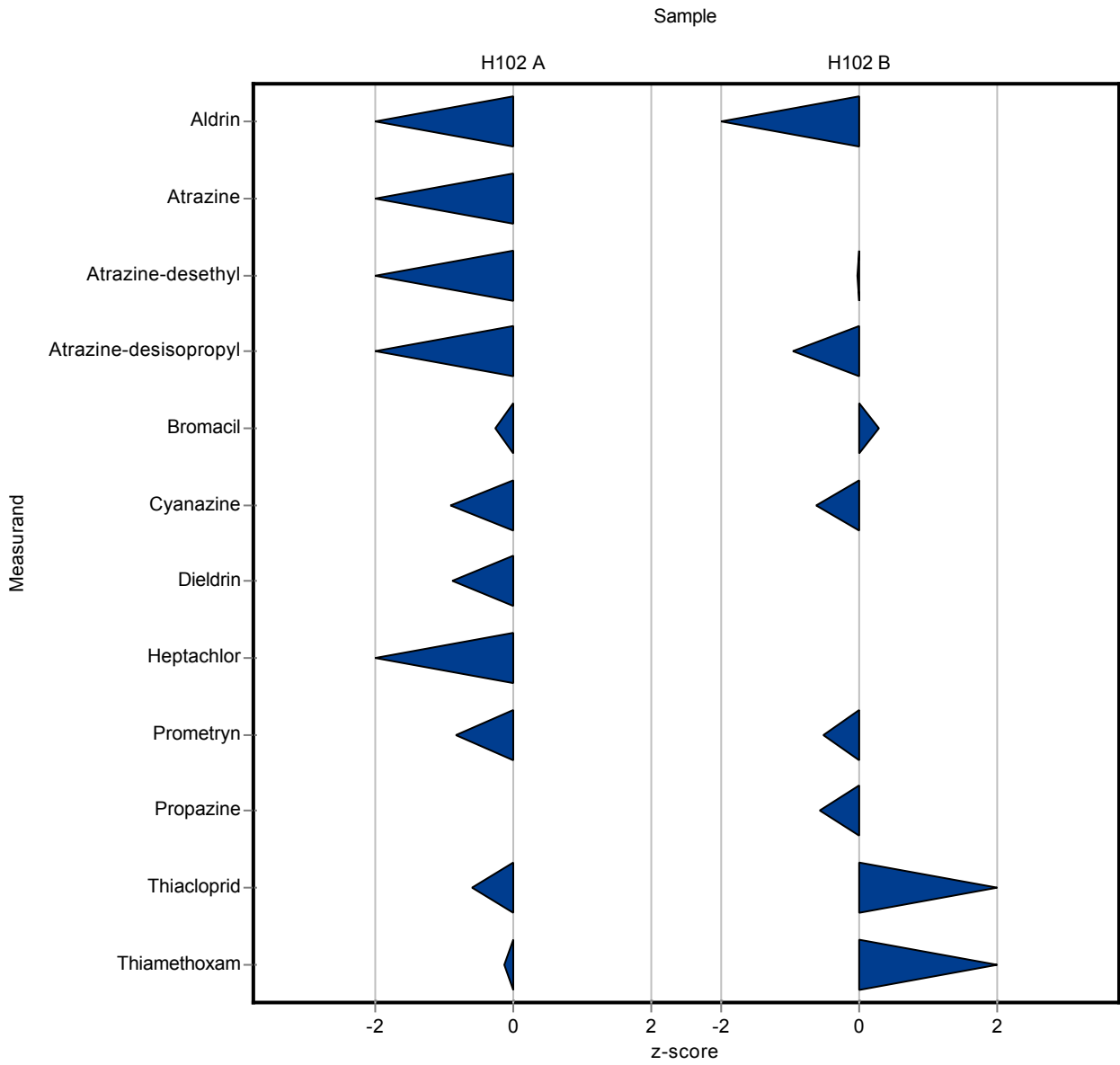
Sample: H102A

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	0.0977 ± 0.01	-	-	0.00817	-	-
Aldrin	µg/l	0.167 ± 0.0972	0.041	0.008	0.0916	24.6	-1.37
Atrazine	µg/l	0.181 ± 0.0223	0.145	0.029	0.0247	80.2	-1.45
Atrazine-desethyl	µg/l	0.358 ± 0.0276	0.327	0.065	0.0276	91.4	-1.11
Atrazine-desisopropyl	µg/l	0.169 ± 0.0231	0.136	0.027	0.0231	80.7	-1.41
Bromacil	µg/l	0.215 ± 0.0666	0.2	0.04	0.0587	93	-0.26
Clothianidin	µg/l	- ± -	-	-	-	-	-
Cyanazine	µg/l	0.162 ± 0.0423	0.121	0.024	0.0446	74.9	-0.91
Dieldrin	µg/l	0.107 ± 0.0235	0.083	0.017	0.0271	77.9	-0.87
Dinotefurane	µg/l	- ± -	-	-	-	-	-
Endrin	µg/l	0.254 ± 0.0261	-	-	0.0231	-	-
Heptachlor	µg/l	0.0912 ± 0.0415	0.022	0.004	0.0479	24.1	-1.45
Imidacloprid	µg/l	- ± -	0.25	0.05	-	-	-
Lindane (Gamma-HCH)	µg/l	0.301 ± 0.0645	-	-	0.068	-	-
Nitenpyram	µg/l	- ± -	-	-	-	-	-
Prometryn	µg/l	0.254 ± 0.0426	0.221	0.044	0.0402	87.1	-0.81
Propazine	µg/l	- ± -	0.65	0.13	-	-	-
Sum Chlordane	µg/l	- ± -	-	-	-	-	-
Sum DDD	µg/l	0.217 ± 0.133	-	-	0.108	-	-
Sum DDE	µg/l	0.31 ± 0.092	-	-	0.0752	-	-
Sum DDT	µg/l	0.385 ± 0.161	-	-	0.152	-	-
Sum Endosulfan	µg/l	0.114 ± 0.0506	-	-	0.0413	-	-
Thiacloprid	µg/l	0.612 ± 0.0529	0.585	0.117	0.0467	95.6	-0.58
Thiamethoxam	µg/l	0.463 ± 0.0838	0.454	0.091	0.0739	98	-0.13

Sample: H102B

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	- ± -	-	-	-	-	-
Aldrin	µg/l	0.208 ± 0.146	0.043	0.009	0.161	20.7	-1.02
Atrazine	µg/l	- ± -	<0.01 (LOQ)	-	-	-	-
Atrazine-desethyl	µg/l	0.658 ± 0.0692	0.656	0.131	0.0692	99.7	-0.03
Atrazine-desisopropyl	µg/l	0.572 ± 0.0557	0.518	0.104	0.0557	90.6	-0.96
Bromacil	µg/l	0.201 ± 0.0614	0.215	0.043	0.0501	107	0.28
Clothianidin	µg/l	0.584 ± 0.0703	-	-	0.0574	-	-

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Cyanazine	µg/l	0.201	± 0.052	0.167	0.033	0.0549	83.3	-0.61
Dieldrin	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	0.355	± 0.0688	-	-	0.0649	-	-
Heptachlor	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Imidacloprid	µg/l	-	± -	0.506	0.101	-	-	-
Lindane (Gamma-HCH)	µg/l	0.301	± 0.0321	-	-	0.0321	-	-
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.526	± 0.0809	0.486	0.097	0.0763	92.4	-0.52
Propazine	µg/l	0.297	± 0.0314	0.28	0.056	0.0296	94.2	-0.58
Sum Chlordane	µg/l	-	± -	-	-	-	-	-
Sum DDD	µg/l	0.327	± 0.211	-	-	0.172	-	-
Sum DDE	µg/l	0.345	± 0.146	-	-	0.128	-	-
Sum DDT	µg/l	0.16	± 0.0887	-	-	0.0836	-	-
Sum Endosulfan	µg/l	0.687	± 0.243	-	-	0.214	-	-
Thiacloprid	µg/l	0.109	± 0.0127	0.122	0.024	0.0112	112	1.19
Thiamethoxam	µg/l	0.102	± 0.0424	0.145	0.029	0.0374	143	1.16



The following results were achieved:

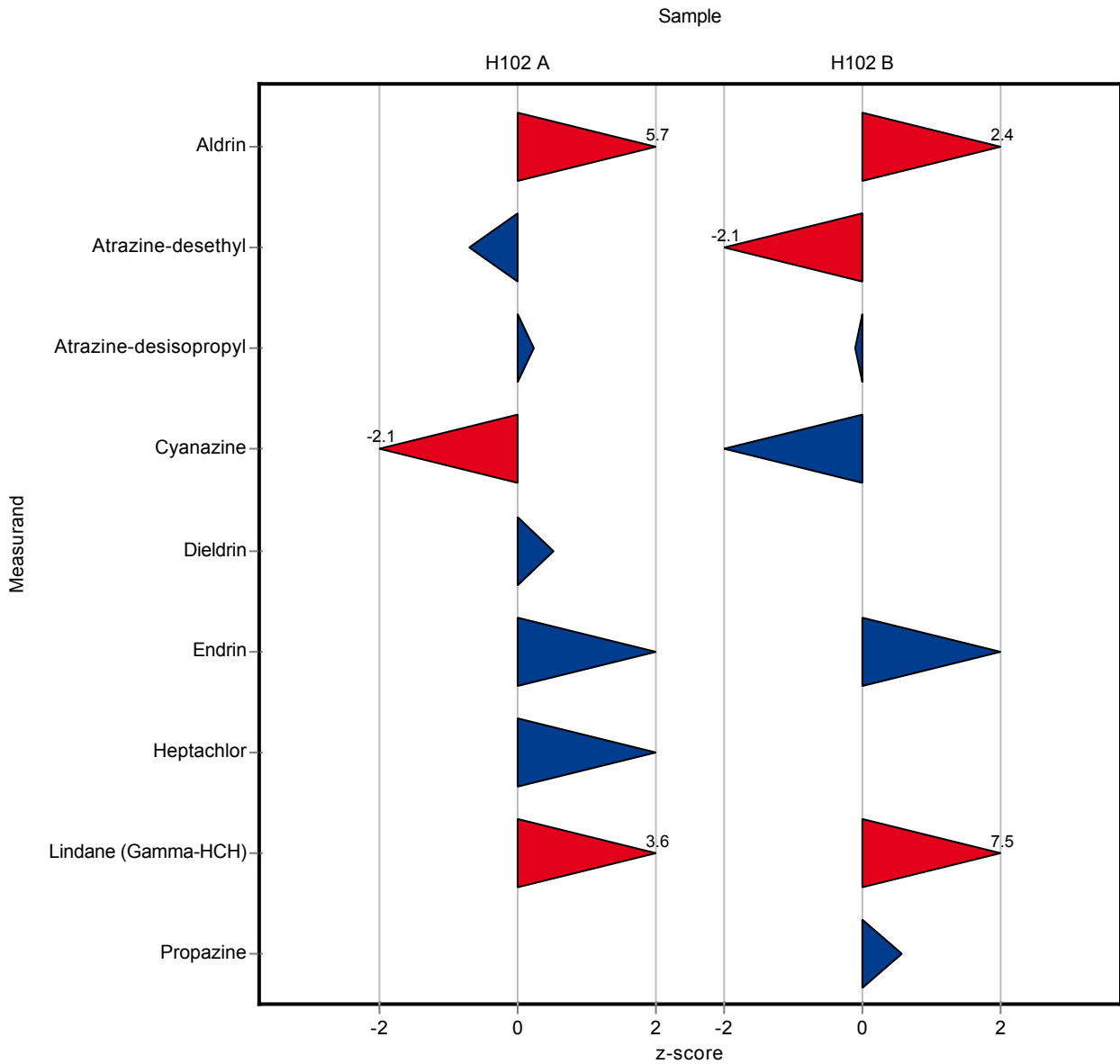
Sample: H102A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	0.0977	± 0.01	-	-	0.00817	-	-
Aldrin	µg/l	0.167	± 0.0972	0.685	0.02	0.0916	411	5.65
Atrazine	µg/l	0.181	± 0.0223	-	-	0.0247	-	-
Atrazine-desethyl	µg/l	0.358	± 0.0276	0.338	0.02	0.0276	94.5	-0.72
Atrazine-desisopropyl	µg/l	0.169	± 0.0231	0.174	0.02	0.0231	103	0.23
Bromacil	µg/l	0.215	± 0.0666	-	-	0.0587	-	-
Clothianidin	µg/l	-	± -	-	-	-	-	-
Cyanazine	µg/l	0.162	± 0.0423	0.07	0.02	0.0446	43.3	-2.05
Dieldrin	µg/l	0.107	± 0.0235	0.1205	0.02	0.0271	113	0.51
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	0.254	± 0.0261	0.288	0.02	0.0231	114	1.49
Heptachlor	µg/l	0.0912	± 0.0415	0.16	0.02	0.0479	175	1.44
Imidacloprid	µg/l	-	± -	-	-	-	-	-
Lindane (Gamma-HCH)	µg/l	0.301	± 0.0645	0.543	0.02	0.068	180	3.56
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.254	± 0.0426	-	-	0.0402	-	-
Propazine	µg/l	-	± -	0.3966	0.02	-	-	-
Sum Chlordane	µg/l	-	± -	-	-	-	-	-
Sum DDD	µg/l	0.217	± 0.133	-	-	0.108	-	-
Sum DDE	µg/l	0.31	± 0.092	-	-	0.0752	-	-
Sum DDT	µg/l	0.385	± 0.161	-	-	0.152	-	-
Sum Endosulfan	µg/l	0.114	± 0.0506	-	-	0.0413	-	-
Thiacloprid	µg/l	0.612	± 0.0529	-	-	0.0467	-	-
Thiamethoxam	µg/l	0.463	± 0.0838	-	-	0.0739	-	-

Sample: H102B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.208	± 0.146	0.589	0.02	0.161	283	2.36
Atrazine	µg/l	-	± -	-	-	-	-	-
Atrazine-desethyl	µg/l	0.658	± 0.0692	0.513	0.02	0.0692	78	-2.09
Atrazine-desisopropyl	µg/l	0.572	± 0.0557	0.566	0.02	0.0557	99	-0.10
Bromacil	µg/l	0.201	± 0.0614	-	-	0.0501	-	-
Clothianidin	µg/l	0.584	± 0.0703	-	-	0.0574	-	-

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Cyanazine	µg/l	0.201	± 0.052	0.12	0.02	0.0549	59.8	-1.47
Dieldrin	µg/l	-	± -	-	-	-	-	-
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	0.355	± 0.0688	0.433	0.02	0.0649	122	1.20
Heptachlor	µg/l	-	± -	-	-	-	-	-
Imidacloprid	µg/l	-	± -	-	-	-	-	-
Lindane (Gamma-HCH)	µg/l	0.301	± 0.0321	0.5405	0.02	0.0321	180	7.47
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.526	± 0.0809	-	-	0.0763	-	-
Propazine	µg/l	0.297	± 0.0314	0.314	0.02	0.0296	106	0.57
Sum Chlordane	µg/l	-	± -	-	-	-	-	-
Sum DDD	µg/l	0.327	± 0.211	-	-	0.172	-	-
Sum DDE	µg/l	0.345	± 0.146	-	-	0.128	-	-
Sum DDT	µg/l	0.16	± 0.0887	-	-	0.0836	-	-
Sum Endosulfan	µg/l	0.687	± 0.243	-	-	0.214	-	-
Thiacloprid	µg/l	0.109	± 0.0127	-	-	0.0112	-	-
Thiamethoxam	µg/l	0.102	± 0.0424	-	-	0.0374	-	-



The following results were achieved:

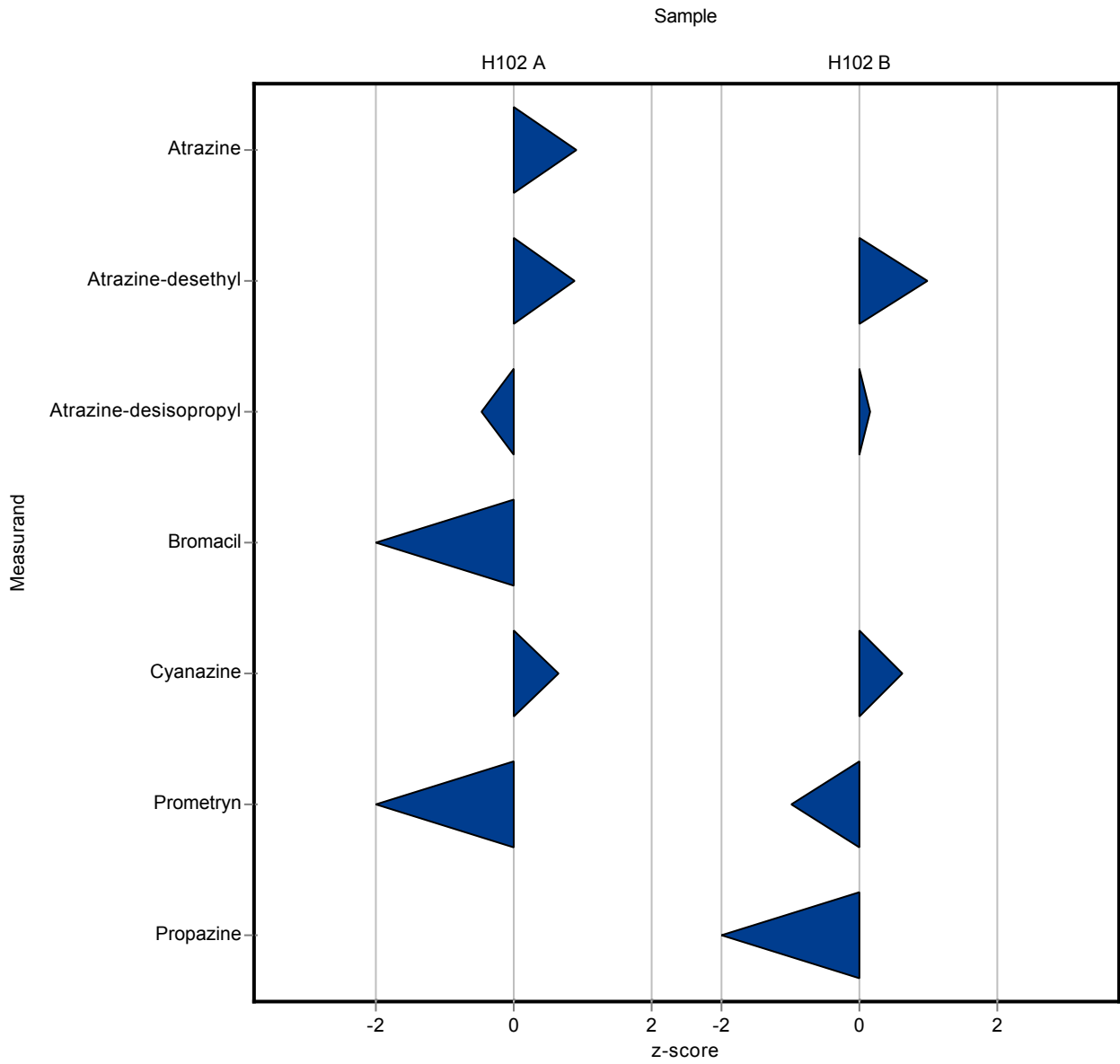
Sample: H102A

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	0.0977 ± 0.01	-	-	0.00817	-	-
Aldrin	µg/l	0.167 ± 0.0972	-	-	0.0916	-	-
Atrazine	µg/l	0.181 ± 0.0223	0.203	0.03045	0.0247	112	0.90
Atrazine-desethyl	µg/l	0.358 ± 0.0276	0.382	0.0573	0.0276	107	0.88
Atrazine-desisopropyl	µg/l	0.169 ± 0.0231	0.158	0.0237	0.0231	93.7	-0.46
Bromacil	µg/l	0.215 ± 0.0666	0.129	0.01935	0.0587	60	-1.47
Clothianidin	µg/l	- ± -	-	-	-	-	-
Cyanazine	µg/l	0.162 ± 0.0423	0.19	0.0285	0.0446	118	0.64
Dieldrin	µg/l	0.107 ± 0.0235	-	-	0.0271	-	-
Dinotefurane	µg/l	- ± -	-	-	-	-	-
Endrin	µg/l	0.254 ± 0.0261	-	-	0.0231	-	-
Heptachlor	µg/l	0.0912 ± 0.0415	-	-	0.0479	-	-
Imidacloprid	µg/l	- ± -	-	-	-	-	-
Lindane (Gamma-HCH)	µg/l	0.301 ± 0.0645	-	-	0.068	-	-
Nitenpyram	µg/l	- ± -	-	-	-	-	-
Prometryn	µg/l	0.254 ± 0.0426	0.206	0.0309	0.0402	81.2	-1.19
Propazine	µg/l	- ± -	0.6	0.09	-	-	-
Sum Chlordane	µg/l	- ± -	-	-	-	-	-
Sum DDD	µg/l	0.217 ± 0.133	-	-	0.108	-	-
Sum DDE	µg/l	0.31 ± 0.092	-	-	0.0752	-	-
Sum DDT	µg/l	0.385 ± 0.161	-	-	0.152	-	-
Sum Endosulfan	µg/l	0.114 ± 0.0506	-	-	0.0413	-	-
Thiacloprid	µg/l	0.612 ± 0.0529	-	-	0.0467	-	-
Thiamethoxam	µg/l	0.463 ± 0.0838	-	-	0.0739	-	-

Sample: H102B

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	- ± -	-	-	-	-	-
Aldrin	µg/l	0.208 ± 0.146	-	-	0.161	-	-
Atrazine	µg/l	- ± -	<0.05 (LOQ)	-	-	-	-
Atrazine-desethyl	µg/l	0.658 ± 0.0692	0.725	0.10875	0.0692	110	0.97
Atrazine-desisopropyl	µg/l	0.572 ± 0.0557	0.58	0.087	0.0557	101	0.15
Bromacil	µg/l	0.201 ± 0.0614	-	-	0.0501	-	-
Clothianidin	µg/l	0.584 ± 0.0703	-	-	0.0574	-	-

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Cyanazine	µg/l	0.201	± 0.052	0.234	0.0351	0.0549	117	0.61
Dieldrin	µg/l	-	± -	-	-	-	-	-
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	0.355	± 0.0688	-	-	0.0649	-	-
Heptachlor	µg/l	-	± -	-	-	-	-	-
Imidacloprid	µg/l	-	± -	-	-	-	-	-
Lindane (Gamma-HCH)	µg/l	0.301	± 0.0321	-	-	0.0321	-	-
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.526	± 0.0809	0.45	0.0675	0.0763	85.6	-0.99
Propazine	µg/l	0.297	± 0.0314	0.249	0.03735	0.0296	83.8	-1.63
Sum Chlordane	µg/l	-	± -	-	-	-	-	-
Sum DDD	µg/l	0.327	± 0.211	-	-	0.172	-	-
Sum DDE	µg/l	0.345	± 0.146	-	-	0.128	-	-
Sum DDT	µg/l	0.16	± 0.0887	-	-	0.0836	-	-
Sum Endosulfan	µg/l	0.687	± 0.243	-	-	0.214	-	-
Thiacloprid	µg/l	0.109	± 0.0127	-	-	0.0112	-	-
Thiamethoxam	µg/l	0.102	± 0.0424	-	-	0.0374	-	-



The following results were achieved:

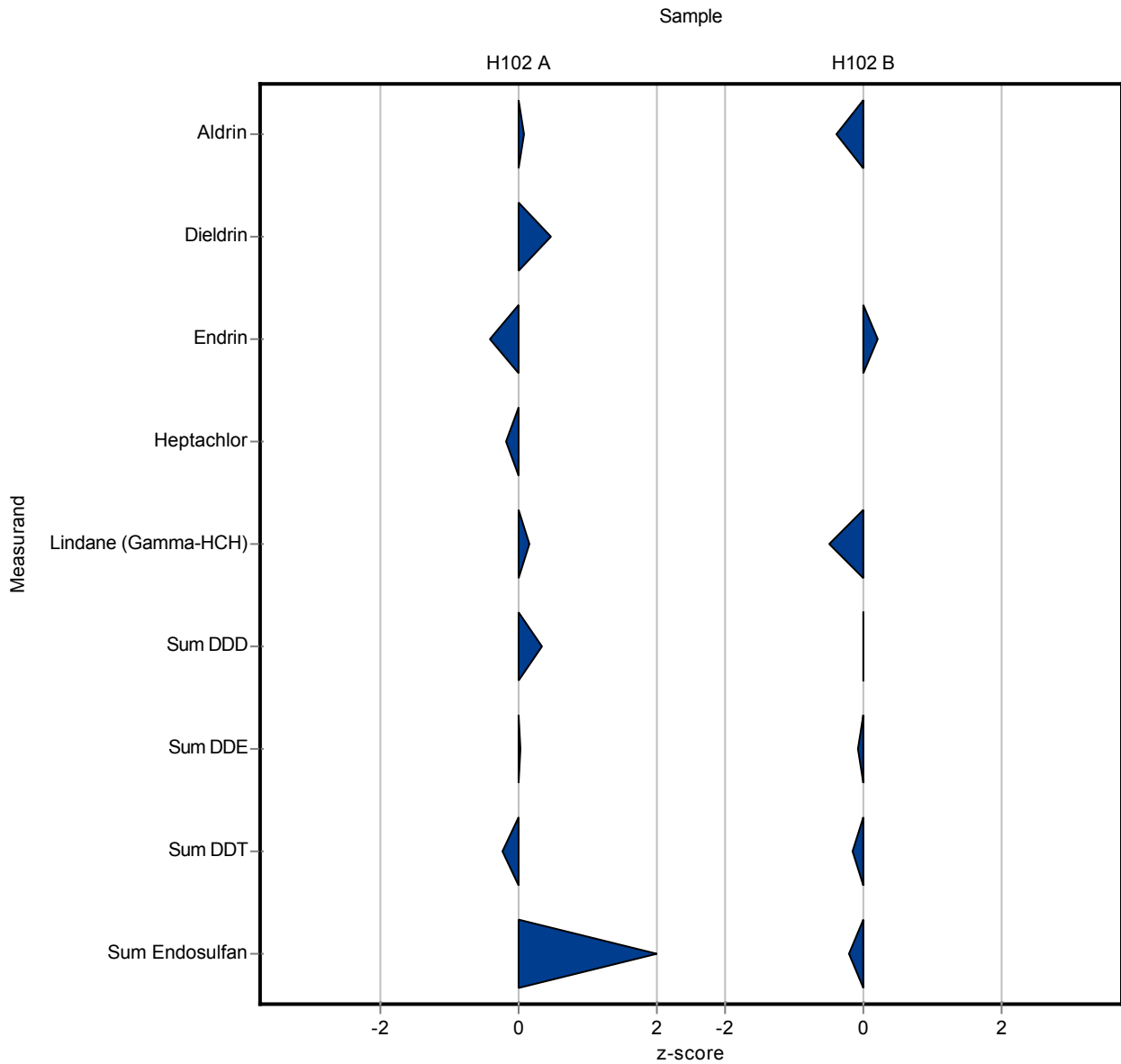
Sample: H102A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	0.0977	± 0.01	-	-	0.00817	-	-
Aldrin	µg/l	0.167	± 0.0972	0.173	0.015	0.0916	104	0.07
Atrazine	µg/l	0.181	± 0.0223	-	-	0.0247	-	-
Atrazine-desethyl	µg/l	0.358	± 0.0276	-	-	0.0276	-	-
Atrazine-desisopropyl	µg/l	0.169	± 0.0231	-	-	0.0231	-	-
Bromacil	µg/l	0.215	± 0.0666	-	-	0.0587	-	-
Clothianidin	µg/l	-	± -	-	-	-	-	-
Cyanazine	µg/l	0.162	± 0.0423	-	-	0.0446	-	-
Dieldrin	µg/l	0.107	± 0.0235	0.119	0.031	0.0271	112	0.46
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	0.254	± 0.0261	0.244	0.033	0.0231	96.2	-0.42
Heptachlor	µg/l	0.0912	± 0.0415	0.083	0.014	0.0479	91	-0.17
Imidacloprid	µg/l	-	± -	-	-	-	-	-
Lindane (Gamma-HCH)	µg/l	0.301	± 0.0645	0.312	0.044	0.068	104	0.16
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.254	± 0.0426	-	-	0.0402	-	-
Propazine	µg/l	-	± -	-	-	-	-	-
Sum Chlordane	µg/l	-	± -	0.129	0.014	-	-	-
Sum DDD	µg/l	0.217	± 0.133	0.255	0.023	0.108	117	0.35
Sum DDE	µg/l	0.31	± 0.092	0.313	0.03	0.0752	101	0.03
Sum DDT	µg/l	0.385	± 0.161	0.348	0.04	0.152	90.3	-0.25
Sum Endosulfan	µg/l	0.114	± 0.0506	0.163	0.032	0.0413	143	1.19
Thiacloprid	µg/l	0.612	± 0.0529	-	-	0.0467	-	-
Thiamethoxam	µg/l	0.463	± 0.0838	-	-	0.0739	-	-

Sample: H102B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.208	± 0.146	0.147	0.016	0.161	70.7	-0.38
Atrazine	µg/l	-	± -	-	-	-	-	-
Atrazine-desethyl	µg/l	0.658	± 0.0692	-	-	0.0692	-	-
Atrazine-desisopropyl	µg/l	0.572	± 0.0557	-	-	0.0557	-	-
Bromacil	µg/l	0.201	± 0.0614	-	-	0.0501	-	-
Clothianidin	µg/l	0.584	± 0.0703	-	-	0.0574	-	-

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Cyanazine	µg/l	0.201	± 0.052	-	-	0.0549	-	-
Dieldrin	µg/l	-	± -	0.028	0.031	-	-	-
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	0.355	± 0.0688	0.368	0.051	0.0649	104	0.20
Heptachlor	µg/l	-	± -	0.028	0.014	-	-	-
Imidacloprid	µg/l	-	± -	-	-	-	-	-
Lindane (Gamma-HCH)	µg/l	0.301	± 0.0321	0.285	0.053	0.0321	94.7	-0.49
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.526	± 0.0809	-	-	0.0763	-	-
Propazine	µg/l	0.297	± 0.0314	-	-	0.0296	-	-
Sum Chlordane	µg/l	-	± -	0.279	0.03	-	-	-
Sum DDD	µg/l	0.327	± 0.211	0.326	0.04	0.172	99.6	-0.01
Sum DDE	µg/l	0.345	± 0.146	0.336	0.04	0.128	97.5	-0.07
Sum DDT	µg/l	0.16	± 0.0887	0.147	0.016	0.0836	92.1	-0.15
Sum Endosulfan	µg/l	0.687	± 0.243	0.645	0.06	0.214	93.9	-0.20
Thiacloprid	µg/l	0.109	± 0.0127	-	-	0.0112	-	-
Thiamethoxam	µg/l	0.102	± 0.0424	-	-	0.0374	-	-



The following results were achieved:

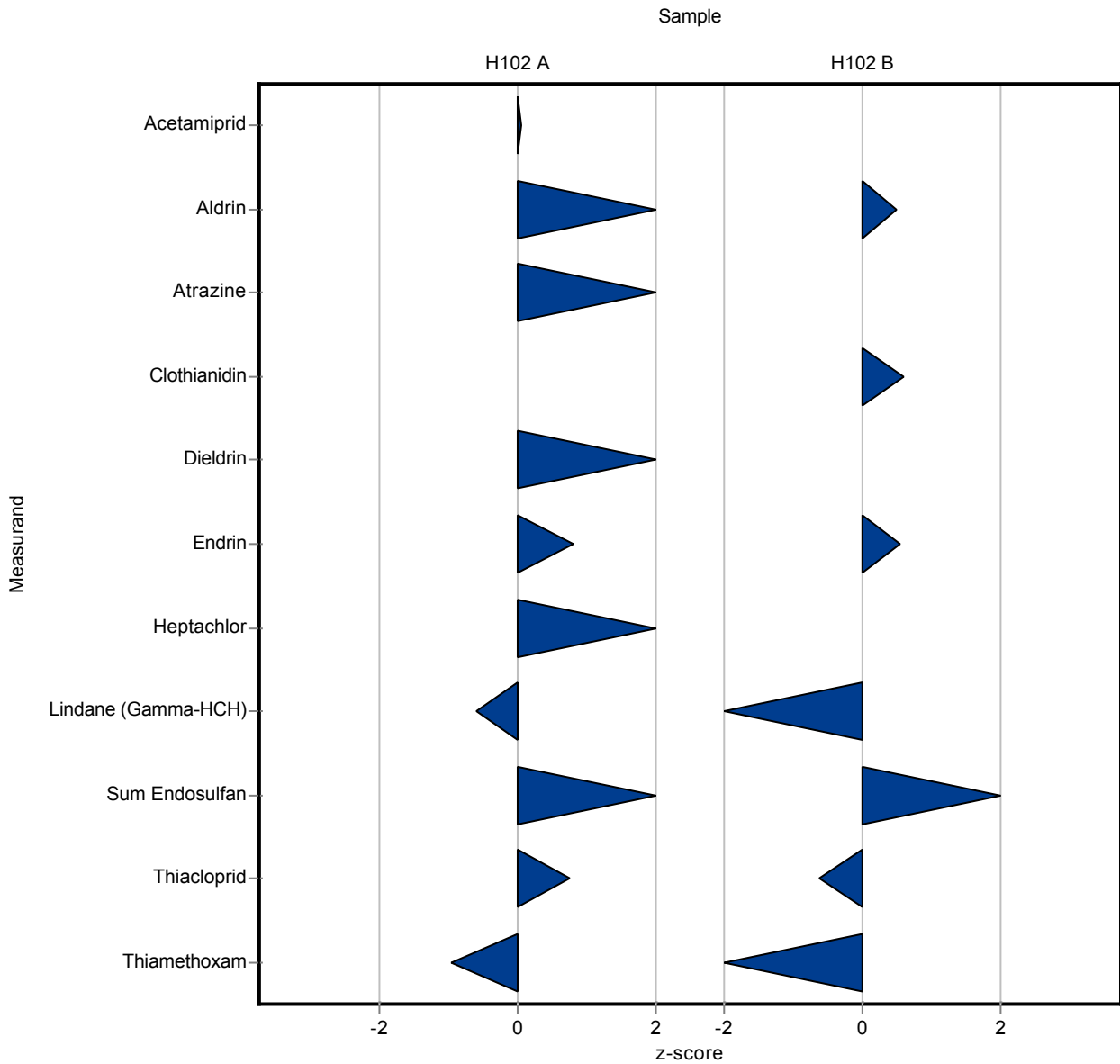
Sample: H102A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	0.0977	± 0.01	0.098	0.0294	0.00817	100	0.04
Aldrin	µg/l	0.167	± 0.0972	0.3399	0.102	0.0916	204	1.89
Atrazine	µg/l	0.181	± 0.0223	0.2107	0.0632	0.0247	117	1.21
Atrazine-desethyl	µg/l	0.358	± 0.0276	-	-	0.0276	-	-
Atrazine-desisopropyl	µg/l	0.169	± 0.0231	-	-	0.0231	-	-
Bromacil	µg/l	0.215	± 0.0666	-	-	0.0587	-	-
Clothianidin	µg/l	-	± -	<0.0085	-	-	-	-
Cyanazine	µg/l	0.162	± 0.0423	-	-	0.0446	-	-
Dieldrin	µg/l	0.107	± 0.0235	0.1408	0.0425	0.0271	132	1.26
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	0.254	± 0.0261	0.2722	0.0817	0.0231	107	0.80
Heptachlor	µg/l	0.0912	± 0.0415	0.1411	0.0423	0.0479	155	1.04
Imidacloprid	µg/l	-	± -	0.283	0.0849	-	-	-
Lindane (Gamma-HCH)	µg/l	0.301	± 0.0645	0.2605	0.0782	0.068	86.5	-0.60
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.254	± 0.0426	-	-	0.0402	-	-
Propazine	µg/l	-	± -	-	-	-	-	-
Sum Chlordane	µg/l	-	± -	-	-	-	-	-
Sum DDD	µg/l	0.217	± 0.133	-	-	0.108	-	-
Sum DDE	µg/l	0.31	± 0.092	-	-	0.0752	-	-
Sum DDT	µg/l	0.385	± 0.161	-	-	0.152	-	-
Sum Endosulfan	µg/l	0.114	± 0.0506	0.1632	0.1896	0.0413	144	1.20
Thiacloprid	µg/l	0.612	± 0.0529	0.6468	0.184	0.0467	106	0.74
Thiamethoxam	µg/l	0.463	± 0.0838	0.3914	0.1174	0.0739	84.5	-0.97

Sample: H102B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	0.5973	0.1792	-	-	-
Aldrin	µg/l	0.208	± 0.146	0.2872	0.0862	0.161	138	0.49
Atrazine	µg/l	-	± -	<0.0085	-	-	-	-
Atrazine-desethyl	µg/l	0.658	± 0.0692	-	-	0.0692	-	-
Atrazine-desisopropyl	µg/l	0.572	± 0.0557	-	-	0.0557	-	-
Bromacil	µg/l	0.201	± 0.0614	-	-	0.0501	-	-
Clothianidin	µg/l	0.584	± 0.0703	0.6182	0.1855	0.0574	106	0.60

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Cyanazine	µg/l	0.201	± 0.052	-	-	0.0549	-	-
Dieldrin	µg/l	-	± -	0.0028	0.0008	-	-	-
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	0.355	± 0.0688	0.3898	0.1169	0.0649	110	0.54
Heptachlor	µg/l	-	± -	<0.005	-	-	-	-
Imidacloprid	µg/l	-	± -	0.4824	0.1447	-	-	-
Lindane (Gamma-HCH)	µg/l	0.301	± 0.0321	0.2423	0.0727	0.0321	80.5	-1.83
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.526	± 0.0809	-	-	0.0763	-	-
Propazine	µg/l	0.297	± 0.0314	-	-	0.0296	-	-
Sum Chlordane	µg/l	-	± -	-	-	-	-	-
Sum DDD	µg/l	0.327	± 0.211	-	-	0.172	-	-
Sum DDE	µg/l	0.345	± 0.146	-	-	0.128	-	-
Sum DDT	µg/l	0.16	± 0.0887	-	-	0.0836	-	-
Sum Endosulfan	µg/l	0.687	± 0.243	1.048	0.3144	0.214	153	1.69
Thiacloprid	µg/l	0.109	± 0.0127	0.1018	0.0305	0.0112	93.7	-0.61
Thiamethoxam	µg/l	0.102	± 0.0424	0.0605	0.01815	0.0374	59.5	-1.10



The following results were achieved:

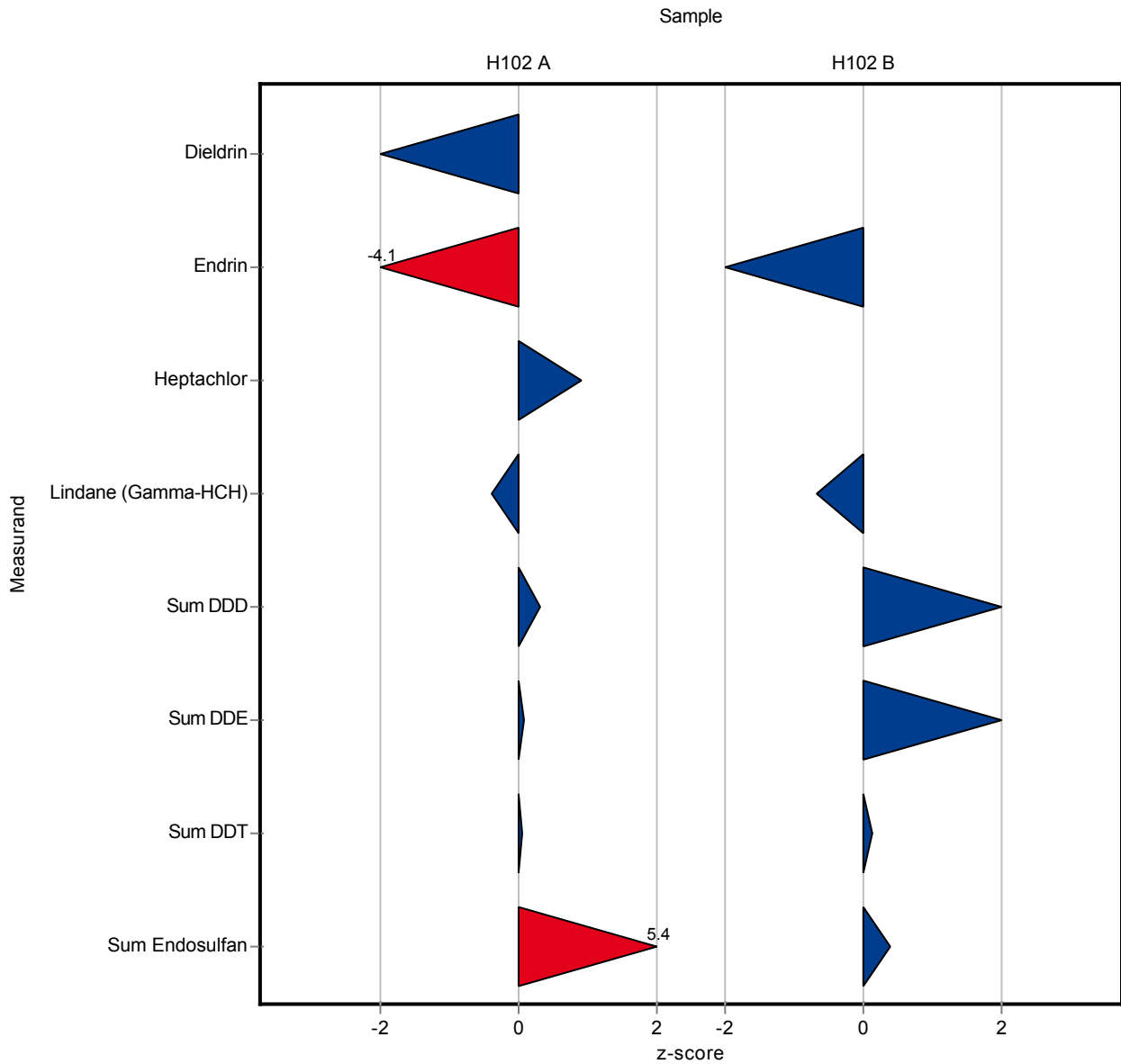
Sample: H102A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	0.0977	± 0.01	-	-	0.00817	-	-
Aldrin	µg/l	0.167	± 0.0972	-	-	0.0916	-	-
Atrazine	µg/l	0.181	± 0.0223	-	-	0.0247	-	-
Atrazine-desethyl	µg/l	0.358	± 0.0276	-	-	0.0276	-	-
Atrazine-desisopropyl	µg/l	0.169	± 0.0231	-	-	0.0231	-	-
Bromacil	µg/l	0.215	± 0.0666	-	-	0.0587	-	-
Clothianidin	µg/l	-	± -	-	-	-	-	-
Cyanazine	µg/l	0.162	± 0.0423	-	-	0.0446	-	-
Dieldrin	µg/l	0.107	± 0.0235	0.067	0.009	0.0271	62.8	-1.46
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	0.254	± 0.0261	0.16	0.021	0.0231	63.1	-4.07
Heptachlor	µg/l	0.0912	± 0.0415	0.135	0.018	0.0479	148	0.92
Imidacloprid	µg/l	-	± -	-	-	-	-	-
Lindane (Gamma-HCH)	µg/l	0.301	± 0.0645	0.274	0.036	0.068	91	-0.40
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.254	± 0.0426	-	-	0.0402	-	-
Propazine	µg/l	-	± -	-	-	-	-	-
Sum Chlordane	µg/l	-	± -	-	-	-	-	-
Sum DDD	µg/l	0.217	± 0.133	0.251	0.033	0.108	116	0.31
Sum DDE	µg/l	0.31	± 0.092	0.316	0.041	0.0752	102	0.07
Sum DDT	µg/l	0.385	± 0.161	0.394	0.051	0.152	102	0.06
Sum Endosulfan	µg/l	0.114	± 0.0506	0.335	0.044	0.0413	295	5.35
Thiacloprid	µg/l	0.612	± 0.0529	-	-	0.0467	-	-
Thiamethoxam	µg/l	0.463	± 0.0838	-	-	0.0739	-	-

Sample: H102B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.208	± 0.146	-	-	0.161	-	-
Atrazine	µg/l	-	± -	-	-	-	-	-
Atrazine-desethyl	µg/l	0.658	± 0.0692	-	-	0.0692	-	-
Atrazine-desisopropyl	µg/l	0.572	± 0.0557	-	-	0.0557	-	-
Bromacil	µg/l	0.201	± 0.0614	-	-	0.0501	-	-
Clothianidin	µg/l	0.584	± 0.0703	-	-	0.0574	-	-

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Cyanazine	µg/l	0.201	± 0.052	-	-	0.0549	-	-
Dieldrin	µg/l	-	± -	<0.018	-	-	-	-
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	0.355	± 0.0688	0.227	0.03	0.0649	64	-1.97
Heptachlor	µg/l	-	± -	<0.027	-	-	-	-
Imidacloprid	µg/l	-	± -	-	-	-	-	-
Lindane (Gamma-HCH)	µg/l	0.301	± 0.0321	0.279	0.036	0.0321	92.7	-0.68
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.526	± 0.0809	-	-	0.0763	-	-
Propazine	µg/l	0.297	± 0.0314	-	-	0.0296	-	-
Sum Chlordane	µg/l	-	± -	-	-	-	-	-
Sum DDD	µg/l	0.327	± 0.211	0.607	0.079	0.172	185	1.63
Sum DDE	µg/l	0.345	± 0.146	0.54	0.07	0.128	157	1.52
Sum DDT	µg/l	0.16	± 0.0887	0.171	0.022	0.0836	107	0.14
Sum Endosulfan	µg/l	0.687	± 0.243	0.771	0.1	0.214	112	0.39
Thiacloprid	µg/l	0.109	± 0.0127	-	-	0.0112	-	-
Thiamethoxam	µg/l	0.102	± 0.0424	-	-	0.0374	-	-



The following results were achieved:

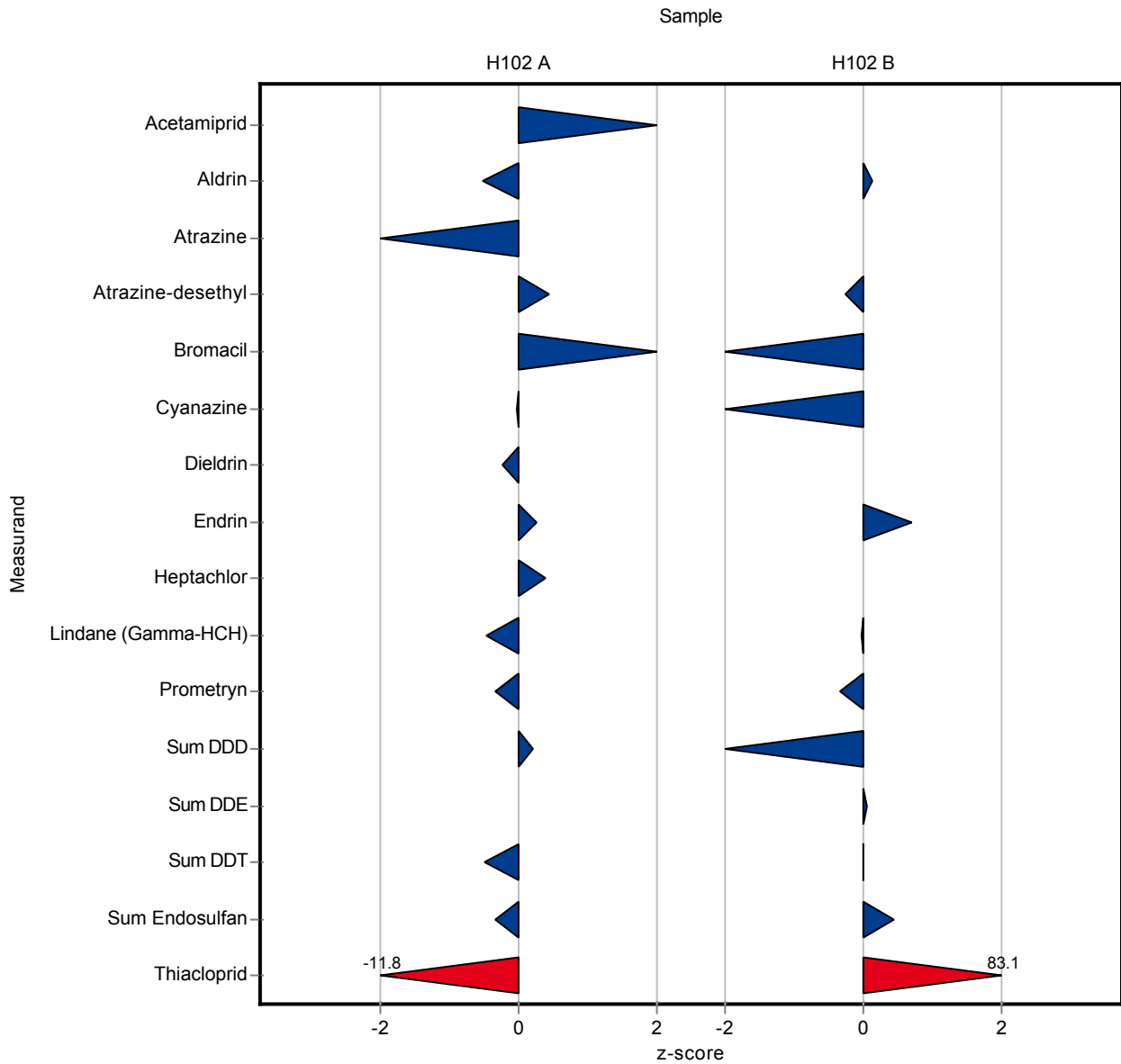
Sample: H102A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	0.0977	± 0.01	0.11	0.05	0.00817	113	1.51
Aldrin	µg/l	0.167	± 0.0972	0.12	0.036	0.0916	71.9	-0.51
Atrazine	µg/l	0.181	± 0.0223	0.15	0.07	0.0247	83	-1.25
Atrazine-desethyl	µg/l	0.358	± 0.0276	0.37	0.16	0.0276	103	0.44
Atrazine-desisopropyl	µg/l	0.169	± 0.0231	-	-	0.0231	-	-
Bromacil	µg/l	0.215	± 0.0666	0.32	0.14	0.0587	149	1.79
Clothianidin	µg/l	-	± -	-	-	-	-	-
Cyanazine	µg/l	0.162	± 0.0423	0.16	0.07	0.0446	99	-0.04
Dieldrin	µg/l	0.107	± 0.0235	0.1	0.03	0.0271	93.8	-0.24
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	0.254	± 0.0261	0.26	0.08	0.0231	102	0.27
Heptachlor	µg/l	0.0912	± 0.0415	0.11	0.04	0.0479	121	0.39
Imidacloprid	µg/l	-	± -	0.66	0.29	-	-	-
Lindane (Gamma-HCH)	µg/l	0.301	± 0.0645	0.27	0.08	0.068	89.6	-0.46
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.254	± 0.0426	0.24	0.11	0.0402	94.6	-0.34
Propazine	µg/l	-	± -	-	-	-	-	-
Sum Chlordane	µg/l	-	± -	-	-	-	-	-
Sum DDD	µg/l	0.217	± 0.133	0.24	0.07	0.108	110	0.21
Sum DDE	µg/l	0.31	± 0.092	<0.01 (LOQ)	-	0.0752	-	-
Sum DDT	µg/l	0.385	± 0.161	0.31	0.09	0.152	80.5	-0.50
Sum Endosulfan	µg/l	0.114	± 0.0506	0.1	0.03	0.0413	88	-0.33
Thiacloprid	µg/l	0.612	± 0.0529	0.06	0.03	0.0467	9.8	-11.80
Thiamethoxam	µg/l	0.463	± 0.0838	-	-	0.0739	-	-

Sample: H102B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	1.12	0.49	-	-	-
Aldrin	µg/l	0.208	± 0.146	0.23	0.07	0.161	111	0.14
Atrazine	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Atrazine-desethyl	µg/l	0.658	± 0.0692	0.64	0.28	0.0692	97.3	-0.26
Atrazine-desisopropyl	µg/l	0.572	± 0.0557	-	-	0.0557	-	-
Bromacil	µg/l	0.201	± 0.0614	0.12	0.05	0.0501	59.8	-1.61
Clothianidin	µg/l	0.584	± 0.0703	-	-	0.0574	-	-

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Cyanazine	µg/l	0.201	± 0.052	0.14	0.06	0.0549	69.8	-1.10
Dieldrin	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	0.355	± 0.0688	0.4	0.1	0.0649	113	0.70
Heptachlor	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Imidacloprid	µg/l	-	± -	0.88	0.39	-	-	-
Lindane (Gamma-HCH)	µg/l	0.301	± 0.0321	0.3	0.09	0.0321	99.7	-0.03
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.526	± 0.0809	0.5	0.22	0.0763	95.1	-0.34
Propazine	µg/l	0.297	± 0.0314	-	-	0.0296	-	-
Sum Chlordane	µg/l	-	± -	-	-	-	-	-
Sum DDD	µg/l	0.327	± 0.211	0.12	0.036	0.172	36.7	-1.21
Sum DDE	µg/l	0.345	± 0.146	0.35	0.105	0.128	102	0.04
Sum DDT	µg/l	0.16	± 0.0887	0.16	0.05	0.0836	100	0.00
Sum Endosulfan	µg/l	0.687	± 0.243	0.78	0.23	0.214	114	0.43
Thiacloprid	µg/l	0.109	± 0.0127	1.04	0.46	0.0112	957	83.10
Thiamethoxam	µg/l	0.102	± 0.0424	-	-	0.0374	-	-



The following results were achieved:

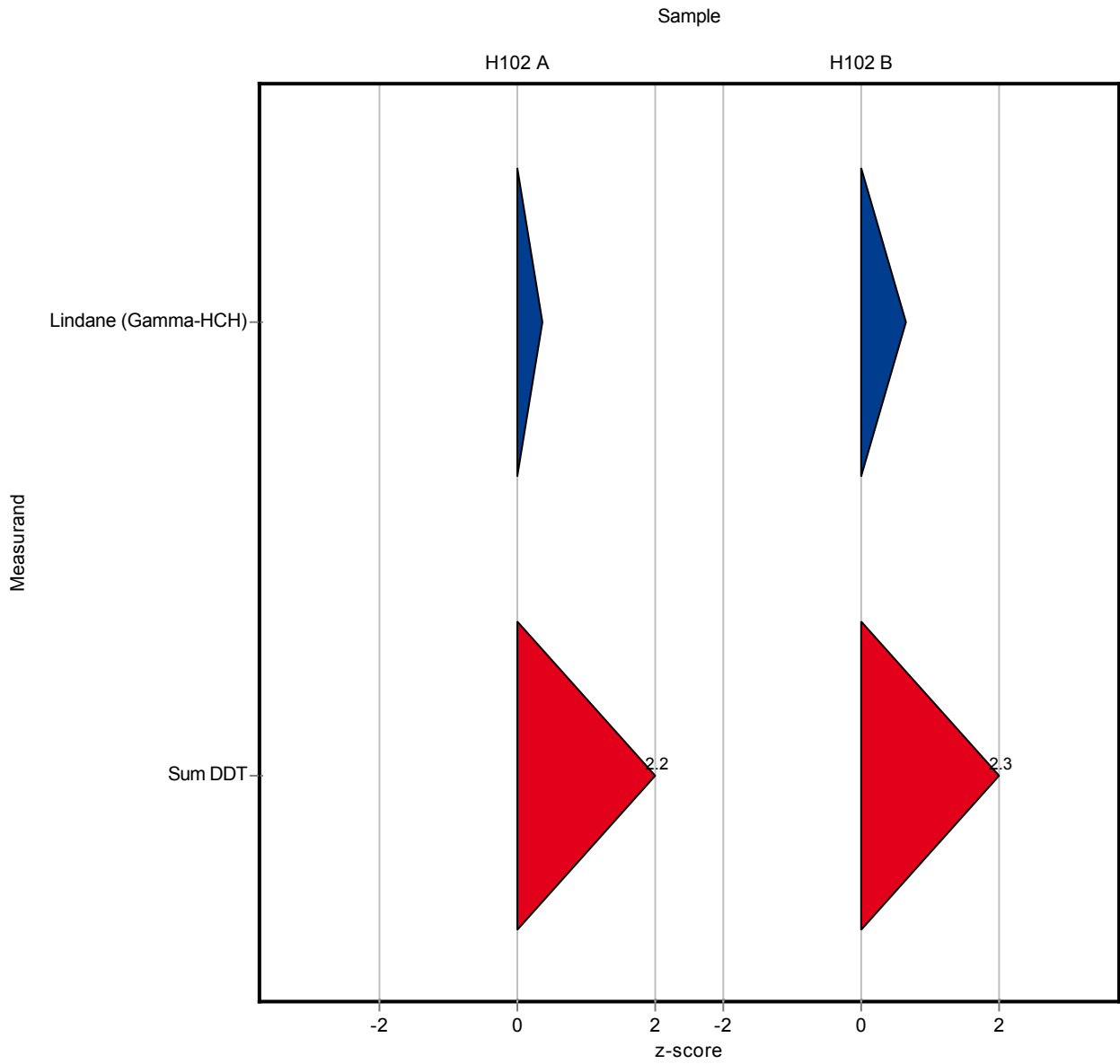
Sample: H102A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	0.0977	± 0.01	-	-	0.00817	-	-
Aldrin	µg/l	0.167	± 0.0972	-	-	0.0916	-	-
Atrazine	µg/l	0.181	± 0.0223	-	-	0.0247	-	-
Atrazine-desethyl	µg/l	0.358	± 0.0276	-	-	0.0276	-	-
Atrazine-desisopropyl	µg/l	0.169	± 0.0231	-	-	0.0231	-	-
Bromacil	µg/l	0.215	± 0.0666	-	-	0.0587	-	-
Clothianidin	µg/l	-	± -	-	-	-	-	-
Cyanazine	µg/l	0.162	± 0.0423	-	-	0.0446	-	-
Dieldrin	µg/l	0.107	± 0.0235	-	-	0.0271	-	-
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	0.254	± 0.0261	-	-	0.0231	-	-
Heptachlor	µg/l	0.0912	± 0.0415	-	-	0.0479	-	-
Imidacloprid	µg/l	-	± -	-	-	-	-	-
Lindane (Gamma-HCH)	µg/l	0.301	± 0.0645	0.3266	0.07	0.068	108	0.37
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.254	± 0.0426	-	-	0.0402	-	-
Propazine	µg/l	-	± -	-	-	-	-	-
Sum Chlordane	µg/l	-	± -	-	-	-	-	-
Sum DDD	µg/l	0.217	± 0.133	-	-	0.108	-	-
Sum DDE	µg/l	0.31	± 0.092	-	-	0.0752	-	-
Sum DDT	µg/l	0.385	± 0.161	0.717	0.08	0.152	186	2.19
Sum Endosulfan	µg/l	0.114	± 0.0506	-	-	0.0413	-	-
Thiacloprid	µg/l	0.612	± 0.0529	-	-	0.0467	-	-
Thiamethoxam	µg/l	0.463	± 0.0838	-	-	0.0739	-	-

Sample: H102B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.208	± 0.146	-	-	0.161	-	-
Atrazine	µg/l	-	± -	-	-	-	-	-
Atrazine-desethyl	µg/l	0.658	± 0.0692	-	-	0.0692	-	-
Atrazine-desisopropyl	µg/l	0.572	± 0.0557	-	-	0.0557	-	-
Bromacil	µg/l	0.201	± 0.0614	-	-	0.0501	-	-
Clothianidin	µg/l	0.584	± 0.0703	-	-	0.0574	-	-

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Cyanazine	µg/l	0.201	± 0.052	-	-	0.0549	-	-
Dieldrin	µg/l	-	± -	-	-	-	-	-
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	0.355	± 0.0688	-	-	0.0649	-	-
Heptachlor	µg/l	-	± -	-	-	-	-	-
Imidacloprid	µg/l	-	± -	-	-	-	-	-
Lindane (Gamma-HCH)	µg/l	0.301	± 0.0321	0.3217	0.07	0.0321	107	0.65
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.526	± 0.0809	-	-	0.0763	-	-
Propazine	µg/l	0.297	± 0.0314	-	-	0.0296	-	-
Sum Chlordane	µg/l	-	± -	-	-	-	-	-
Sum DDD	µg/l	0.327	± 0.211	-	-	0.172	-	-
Sum DDE	µg/l	0.345	± 0.146	-	-	0.128	-	-
Sum DDT	µg/l	0.16	± 0.0887	0.354	0.08	0.0836	222	2.32
Sum Endosulfan	µg/l	0.687	± 0.243	-	-	0.214	-	-
Thiacloprid	µg/l	0.109	± 0.0127	-	-	0.0112	-	-
Thiamethoxam	µg/l	0.102	± 0.0424	-	-	0.0374	-	-



The following results were achieved:

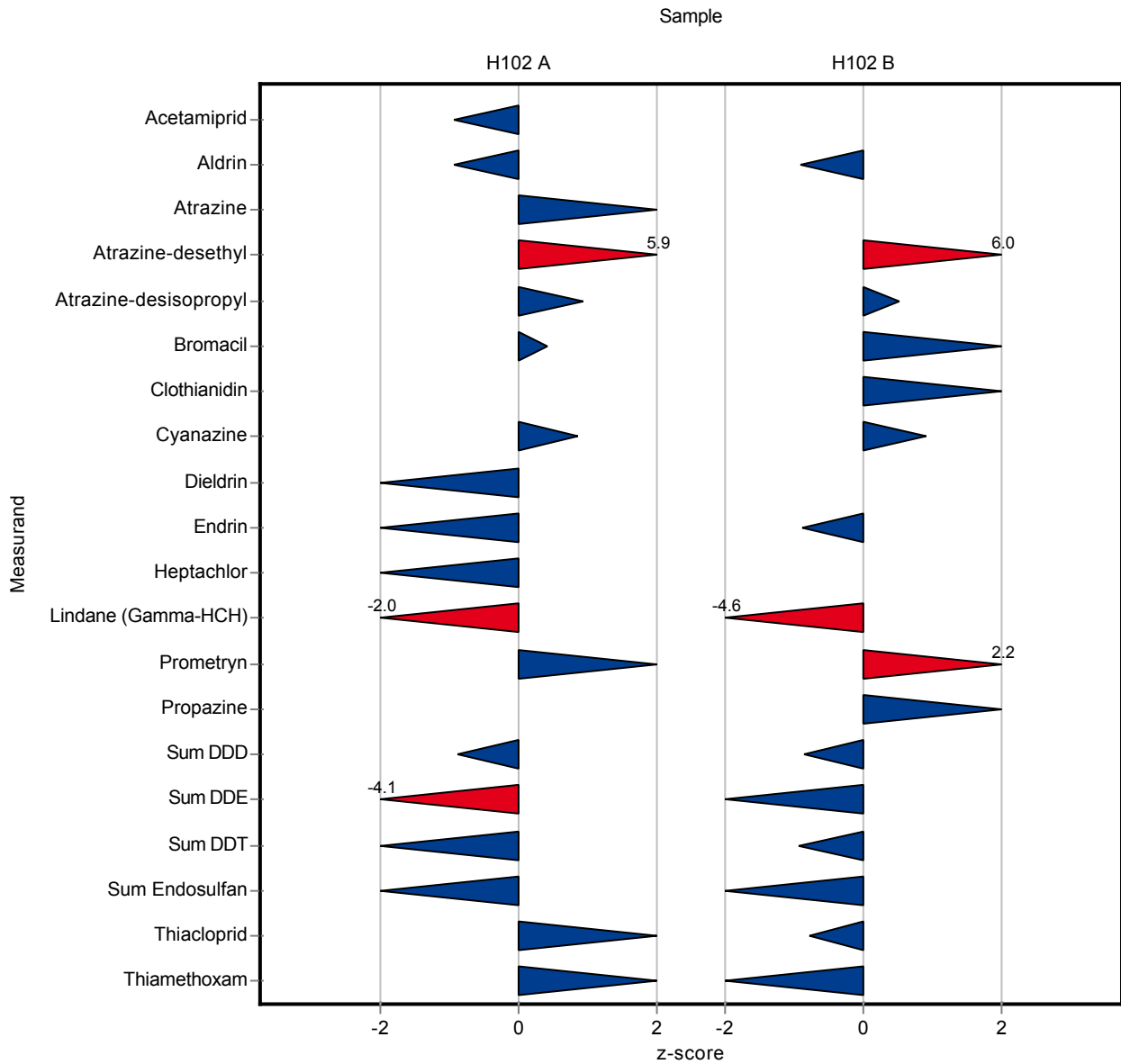
Sample: H102A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	0.0977	± 0.01	0.09	0.0225	0.00817	92.2	-0.94
Aldrin	µg/l	0.167	± 0.0972	0.081	0.02025	0.0916	48.5	-0.94
Atrazine	µg/l	0.181	± 0.0223	0.22	0.055	0.0247	122	1.59
Atrazine-desethyl	µg/l	0.358	± 0.0276	0.52	0.13	0.0276	145	5.87
Atrazine-desisopropyl	µg/l	0.169	± 0.0231	0.19	0.0475	0.0231	113	0.93
Bromacil	µg/l	0.215	± 0.0666	0.24	0.06	0.0587	112	0.43
Clothianidin	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Cyanazine	µg/l	0.162	± 0.0423	0.2	0.05	0.0446	124	0.86
Dieldrin	µg/l	0.107	± 0.0235	0.064	0.016	0.0271	60	-1.57
Dinotefurane	µg/l	-	± -	0.07	0.0175	-	-	-
Endrin	µg/l	0.254	± 0.0261	0.217	0.05425	0.0231	85.5	-1.59
Heptachlor	µg/l	0.0912	± 0.0415	0.04	0.01	0.0479	43.9	-1.07
Imidacloprid	µg/l	-	± -	0.45	0.1125	-	-	-
Lindane (Gamma-HCH)	µg/l	0.301	± 0.0645	0.164	0.041	0.068	54.4	-2.02
Nitenpyram	µg/l	-	± -	0.91	0.2275	-	-	-
Prometryn	µg/l	0.254	± 0.0426	0.33	0.0825	0.0402	130	1.90
Propazine	µg/l	-	± -	0.98	0.245	-	-	-
Sum Chlordane	µg/l	-	± -	0.056	0.014	-	-	-
Sum DDD	µg/l	0.217	± 0.133	0.1223	0.03058	0.108	56.3	-0.88
Sum DDE	µg/l	0.31	± 0.092	0.0026	0.00065	0.0752	0.837	-4.10
Sum DDT	µg/l	0.385	± 0.161	0.2194	0.05485	0.152	56.9	-1.09
Sum Endosulfan	µg/l	0.114	± 0.0506	0.059	0.01475	0.0413	51.9	-1.32
Thiacloprid	µg/l	0.612	± 0.0529	0.69	0.1725	0.0467	113	1.67
Thiamethoxam	µg/l	0.463	± 0.0838	0.56	0.14	0.0739	121	1.31

Sample: H102B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	0.65	0.1625	-	-	-
Aldrin	µg/l	0.208	± 0.146	0.062	0.0155	0.161	29.8	-0.91
Atrazine	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Atrazine-desethyl	µg/l	0.658	± 0.0692	1.07	0.2675	0.0692	163	5.95
Atrazine-desisopropyl	µg/l	0.572	± 0.0557	0.6	0.15	0.0557	105	0.51
Bromacil	µg/l	0.201	± 0.0614	0.26	0.065	0.0501	129	1.18
Clothianidin	µg/l	0.584	± 0.0703	0.65	0.1625	0.0574	111	1.15

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Cyanazine	µg/l	0.201	± 0.052	0.25	0.0625	0.0549	125	0.90
Dieldrin	µg/l	-	± -	<0.001	-	-	-	-
Dinotefurane	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Endrin	µg/l	0.355	± 0.0688	0.297	0.07425	0.0649	83.7	-0.89
Heptachlor	µg/l	-	± -	<0.001	-	-	-	-
Imidacloprid	µg/l	-	± -	0.74	0.185	-	-	-
Lindane (Gamma-HCH)	µg/l	0.301	± 0.0321	0.154	0.0385	0.0321	51.2	-4.58
Nitenpyram	µg/l	-	± -	0.1	0.025	-	-	-
Prometryn	µg/l	0.526	± 0.0809	0.69	0.1725	0.0763	131	2.15
Propazine	µg/l	0.297	± 0.0314	0.33	0.0825	0.0296	111	1.11
Sum Chlordane	µg/l	-	± -	0.134	0.0335	-	-	-
Sum DDD	µg/l	0.327	± 0.211	0.1814	0.04535	0.172	55.4	-0.85
Sum DDE	µg/l	0.345	± 0.146	0.121	0.03025	0.128	35.1	-1.74
Sum DDT	µg/l	0.16	± 0.0887	0.0819	0.02048	0.0836	51.3	-0.93
Sum Endosulfan	µg/l	0.687	± 0.243	0.348	0.087	0.214	50.7	-1.58
Thiacloprid	µg/l	0.109	± 0.0127	0.1	0.025	0.0112	92	-0.78
Thiamethoxam	µg/l	0.102	± 0.0424	0.06	0.015	0.0374	59	-1.11



The following results were achieved:

Sample: H102A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	0.0977	± 0.01	-	-	0.00817	-	-
Aldrin	µg/l	0.167	± 0.0972	-	-	0.0916	-	-
Atrazine	µg/l	0.181	± 0.0223	0.179	0.005	0.0247	99	-0.07
Atrazine-desethyl	µg/l	0.358	± 0.0276	0.383	0.005	0.0276	107	0.91
Atrazine-desisopropyl	µg/l	0.169	± 0.0231	0.152	0.004	0.0231	90.2	-0.71
Bromacil	µg/l	0.215	± 0.0666	-	-	0.0587	-	-
Clothianidin	µg/l	-	± -	-	-	-	-	-
Cyanazine	µg/l	0.162	± 0.0423	0.153	0.003	0.0446	94.7	-0.19
Dieldrin	µg/l	0.107	± 0.0235	-	-	0.0271	-	-
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	0.254	± 0.0261	-	-	0.0231	-	-
Heptachlor	µg/l	0.0912	± 0.0415	-	-	0.0479	-	-
Imidacloprid	µg/l	-	± -	-	-	-	-	-
Lindane (Gamma-HCH)	µg/l	0.301	± 0.0645	-	-	0.068	-	-
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.254	± 0.0426	0.285	0.005	0.0402	112	0.78
Propazine	µg/l	-	± -	-	-	-	-	-
Sum Chlordane	µg/l	-	± -	-	-	-	-	-
Sum DDD	µg/l	0.217	± 0.133	-	-	0.108	-	-
Sum DDE	µg/l	0.31	± 0.092	-	-	0.0752	-	-
Sum DDT	µg/l	0.385	± 0.161	-	-	0.152	-	-
Sum Endosulfan	µg/l	0.114	± 0.0506	-	-	0.0413	-	-
Thiacloprid	µg/l	0.612	± 0.0529	-	-	0.0467	-	-
Thiamethoxam	µg/l	0.463	± 0.0838	-	-	0.0739	-	-

Sample: H102B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.208	± 0.146	-	-	0.161	-	-
Atrazine	µg/l	-	± -	<0.03 (LOQ)	-	-	-	-
Atrazine-desethyl	µg/l	0.658	± 0.0692	0.72	0.007	0.0692	109	0.90
Atrazine-desisopropyl	µg/l	0.572	± 0.0557	0.551	0.005	0.0557	96.4	-0.37
Bromacil	µg/l	0.201	± 0.0614	-	-	0.0501	-	-
Clothianidin	µg/l	0.584	± 0.0703	-	-	0.0574	-	-

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Cyanazine	µg/l	0.201	± 0.052	0.18	0.003	0.0549	89.7	-0.38
Dieldrin	µg/l	-	± -	-	-	-	-	-
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	0.355	± 0.0688	-	-	0.0649	-	-
Heptachlor	µg/l	-	± -	-	-	-	-	-
Imidacloprid	µg/l	-	± -	-	-	-	-	-
Lindane (Gamma-HCH)	µg/l	0.301	± 0.0321	-	-	0.0321	-	-
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.526	± 0.0809	0.552	0.007	0.0763	105	0.34
Propazine	µg/l	0.297	± 0.0314	0.332	0.005	0.0296	112	1.18
Sum Chlordane	µg/l	-	± -	-	-	-	-	-
Sum DDD	µg/l	0.327	± 0.211	-	-	0.172	-	-
Sum DDE	µg/l	0.345	± 0.146	-	-	0.128	-	-
Sum DDT	µg/l	0.16	± 0.0887	-	-	0.0836	-	-
Sum Endosulfan	µg/l	0.687	± 0.243	-	-	0.214	-	-
Thiacloprid	µg/l	0.109	± 0.0127	-	-	0.0112	-	-
Thiamethoxam	µg/l	0.102	± 0.0424	-	-	0.0374	-	-

