

# **EVALUATION OF THE INTERLABORATORY COMPARISON TEST**

## **Pesticides H98**

Sample dispatch on 13<sup>th</sup> June 2017

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# 1 Interlaboratory comparison test: Pesticides H98

## 1.1 Participants and time schedule

- Number of registrations: 32
- Number of submitted data records: 31
- Dispatch of samples: 13<sup>th</sup> June 2017
- Closing date for submission of data: 18<sup>th</sup> July 2017

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

- groundwater (Sample H98 A)
- surface water (Sample H98 B)

The sampling was carried out on 12<sup>th</sup> June 2017. The 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 13<sup>th</sup> June 2017.

Each participant received (according to the order):

- 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 check value  $\pm U$ .

## 2 Evaluation

The analytical results had to be made available to the organiser not later than 18<sup>th</sup> July 2017. 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. 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:

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

In this context,

$x_i$  is the measurement value of the participating laboratory.

$\bar{X}$  is the adjusted average value (i.e. after removal of outliers) of the participants' results.

$SD$  is the reproducibility standard deviation, calculated from the participants' results (after removal of outliers) in the relevant test round.

### 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 calculated using the reproducibility standard deviation, calculated from the participants' results (after removal of outliers) in the relevant test round. As a consequence it might occur that the z-Score between -2 and 2 covers an extraordinary range, due to a high variance of the results. On the other hand, a low variation of the participants' results leads to an extraordinary small recovery rate range when applying a z-Score of -2 to +2.

The recovery rate is calculated for the individual result based on the target value. Therefore, in the case of a high variance of the results, participants should also consider recovery rates as an indicator for the necessity of internal quality assurance measures.

- Compare Dicamba Sample H98 A (n=13)
- Compare Glufosinate Sample H98 A (n=15)

Sample H98 A: For the parameters Alachlor, Alachlor ESA, Glyphosat and Metazachlor no target value was calculated because of the low analyte content and/or the small number of submitted results.

Sample H98 B: For the parameters Alachlor ESA and Metazachlor OA no target value was calculated because the small number of submitted results.

## 5 Annotations on tables and charts

### 5.1 Information and abbreviations in tables

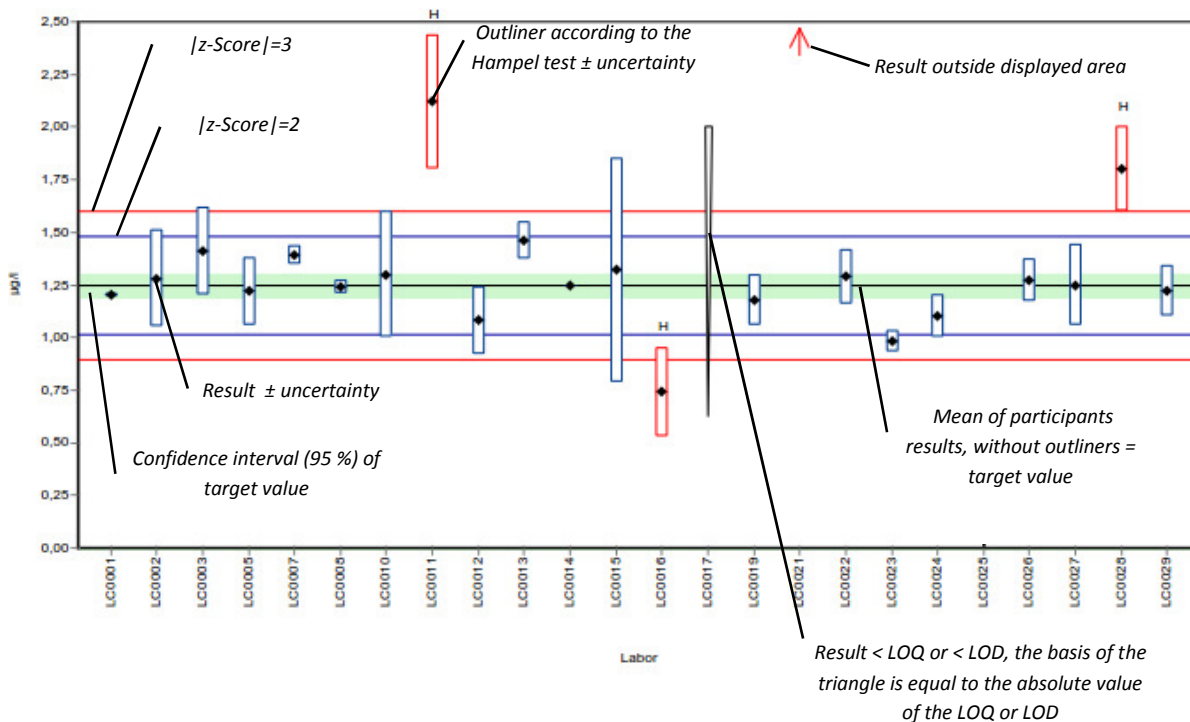
Parameter	Analyte identifier
Sample	Sample identifier
Unit	Given unit for result and uncertainty (e.g. µg/l)
Mean	Mean of the participants results, without outliers (3 significant digits)
CI (99 %)	99% confidence interval (3 significant digits)
Minimum	Minimum of all submitted results, after removal 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)
Check value ± U	Mean of check 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. The given value matches the reproducibility standard deviation, calculated from the participants' results, after removal of outliers (3 significant digits).

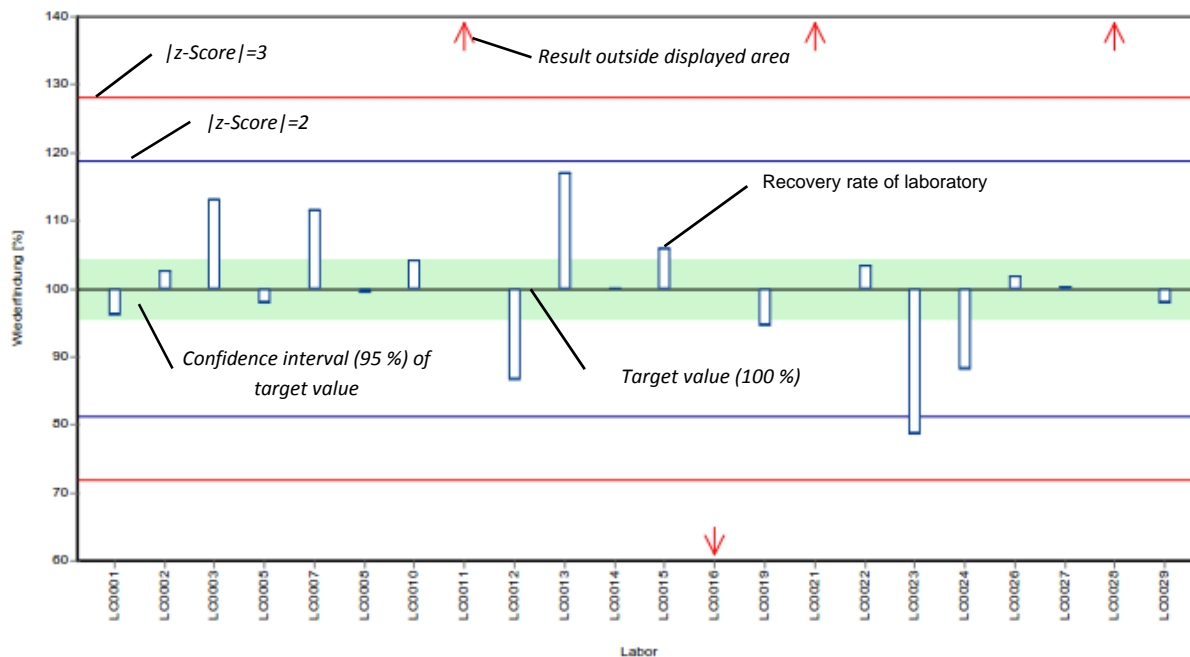


## 5.2 Graphical presentation of results

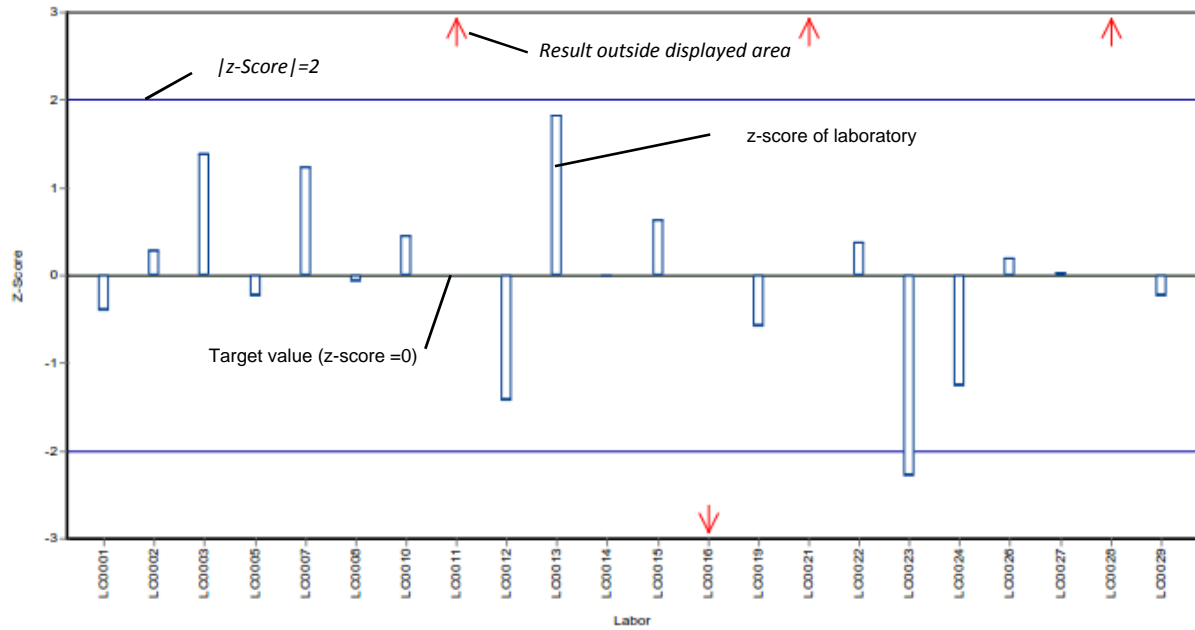
### Example chart: Results



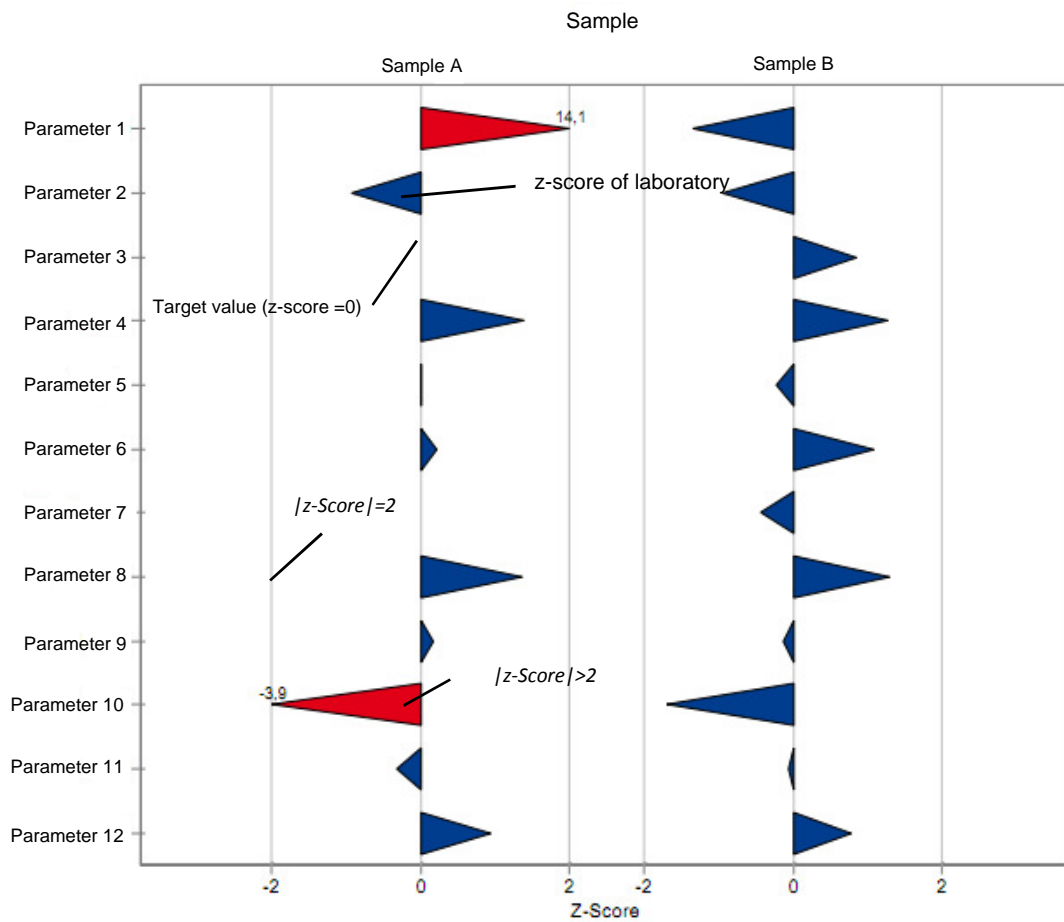
### Example chart: Recovery



**Example chart: z-score**



**Example chart: z-score - laboratory oriented report**



Summary of results, after removal of outliers: Pesticides H98

## 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 %
2,4-D	H98 A	µg/l	20	1	0.384	± 0.0312	0.308	0.481	0.0465	12
	H98 B	µg/l	19	2	0.12	± 0.0142	0.076	0.169	0.0206	17
2,4,5-Trichlorophenoxyacetic acid	H98 A	µg/l	9	1	0.557	± 0.162	0.238	0.78	0.162	29
	H98 B	µg/l	8	1	0.246	± 0.0344	0.2	0.31	0.0325	13
Alachlor	H98 A	µg/l	0	0	-	± -	-	-	-	-
	H98 B	µg/l	13	0	1.01	± 0.0916	0.824	1.18	0.11	11
Alachlor ESA	H98 A	µg/l	4	1	-	± -	0.114	0.164	-	-
	H98 B	µg/l	5	0	-	± -	0.256	0.351	-	-
Alachlor OA	H98 A	µg/l	7	0	0.202	± 0.048	0.159	0.269	0.0423	21
	H98 B	µg/l	7	0	0.206	± 0.0444	0.153	0.256	0.0392	19
AMPA	H98 A	µg/l	12	1	0.225	± 0.0298	0.157	0.287	0.0344	15
	H98 B	µg/l	14	1	0.687	± 0.0641	0.54	0.791	0.08	12
Bentazone	H98 A	µg/l	19	3	0.258	± 0.0224	0.194	0.322	0.0325	13
	H98 B	µg/l	21	1	0.346	± 0.0387	0.23	0.455	0.0591	17
Dichlorprop	H98 A	µg/l	14	1	0.177	± 0.0147	0.148	0.212	0.0183	10
	H98 B	µg/l	14	2	0.24	± 0.0137	0.214	0.275	0.0171	7.2
Dicamba	H98 A	µg/l	12	0	0.328	± 0.122	0.014	0.584	0.141	43
	H98 B	µg/l	11	0	0.806	± 0.131	0.606	1.03	0.144	18
Glufosinate	H98 A	µg/l	8	0	0.469	± 0.23	0.038	0.772	0.217	46
	H98 B	µg/l	8	0	0.123	± 0.0308	0.076	0.167	0.029	24
Glyphosate	H98 A	µg/l	1	0	-	± -	0.03	0.03	-	-
	H98 B	µg/l	13	2	0.322	± 0.036	0.221	0.41	0.0433	13
Mecoprop	H98 A	µg/l	20	0	0.103	± 0.00988	0.08	0.139	0.0147	14
	H98 B	µg/l	20	1	0.522	± 0.0499	0.395	0.65	0.0744	14
Metazachlor ESA	H98 A	µg/l	10	1	0.828	± 0.108	0.609	1.05	0.114	14
	H98 B	µg/l	11	0	0.165	± 0.025	0.11	0.205	0.0276	17
Metazachlor OA	H98 A	µg/l	9	2	0.491	± 0.0347	0.443	0.53	0.0347	7.1

Summary of results, after removal of outliers: Pesticides H98

Parameter	Sample	Unit	Number of results for calculation	Number of outliers	Mean	± CI (99%)	Minimum	Maximum	SD	RSD %	
Metazachlor OA	H98 B	µg/l	1	0	-	±	-	0.0052	0.0052	-	-
Metazachlor	H98 A	µg/l	0	0	-	±	-	-	-	-	-
	H98 B	µg/l	23	0	0.447	± 0.0433	0.365	0.626	0.0693	15	
Metolachlor	H98 A	µg/l	23	1	0.18	± 0.0231	0.116	0.27	0.0369	21	
	H98 B	µg/l	23	1	0.596	± 0.0657	0.402	0.788	0.105	18	
Metolachlor ESA	H98 A	µg/l	15	0	0.861	± 0.0692	0.703	1.06	0.0894	10	
	H98 B	µg/l	15	0	0.243	± 0.0185	0.199	0.282	0.0239	9.8	
Metolachlor OA	H98 A	µg/l	14	0	0.296	± 0.0356	0.221	0.353	0.0444	15	
	H98 B	µg/l	14	0	0.395	± 0.0455	0.318	0.532	0.0568	14	

## 7 Parameter oriented report

2,4-D .....	14
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Alachlor .....	34
Alachlor ESA .....	42
Alachlor OA .....	48
AMPA .....	58
Bentazone .....	68
Dicamba .....	78
Dichlorprop .....	88
Glufosinate .....	98
Glyphosate .....	108
Mecoprop .....	116
Metazachlor ESA .....	126
Metazachlor OA .....	136
Metazachlor .....	144
Metolachlor .....	152
Metolachlor ESA .....	162
Metolachlor OA .....	172

## Parameter oriented report

### H98 A

### 2,4-D

Unit	µg/l
Mean ± CI (99%)	0.384 ± 0.0312
Minimum - Maximum	0.308 - 0.481
Control test value ± U	0.369 ± 0.0374

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.39	0.078	102	0.13	
LC0002	< 0.01 (LOQ)	-	-	-	FN
LC0003	0.308	0.046	80.3	-1.63	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	0.481	0.14	125	2.09	
LC0008	-	-	-	-	
LC0009	0.32	0.072	83.4	-1.37	
LC0010	-	-	-	-	
LC0011	0.389	0.078	101	0.11	
LC0012	0.235	0.03525	61.2	-3.2	H
LC0013	0.405	-	106	0.46	
LC0014	0.36	0.089	93.8	-0.51	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	0.398	-	104	0.31	
LC0018	0.399	0.1	104	0.33	
LC0019	0.41	0.082	107	0.56	
LC0020	0.443	0.159	115	1.27	
LC0021	0.41	0.103	107	0.56	
LC0022	0.365	0.055	95.1	-0.41	
LC0023	-	-	-	-	
LC0024	0.401	0.12	104	0.37	
LC0025	0.37	0.18	96.4	-0.3	
LC0026	0.397	0.09	103	0.28	
LC0027	0.336	0.094	87.5	-1.03	
LC0028	0.317	0.044	82.6	-1.44	
LC0029	0.45	0.13	117	1.42	
LC0030	-	-	-	-	
LC0031	0.327	0.082	85.2	-1.22	
LC0032	-	-	-	-	

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**Characteristics of parameter**

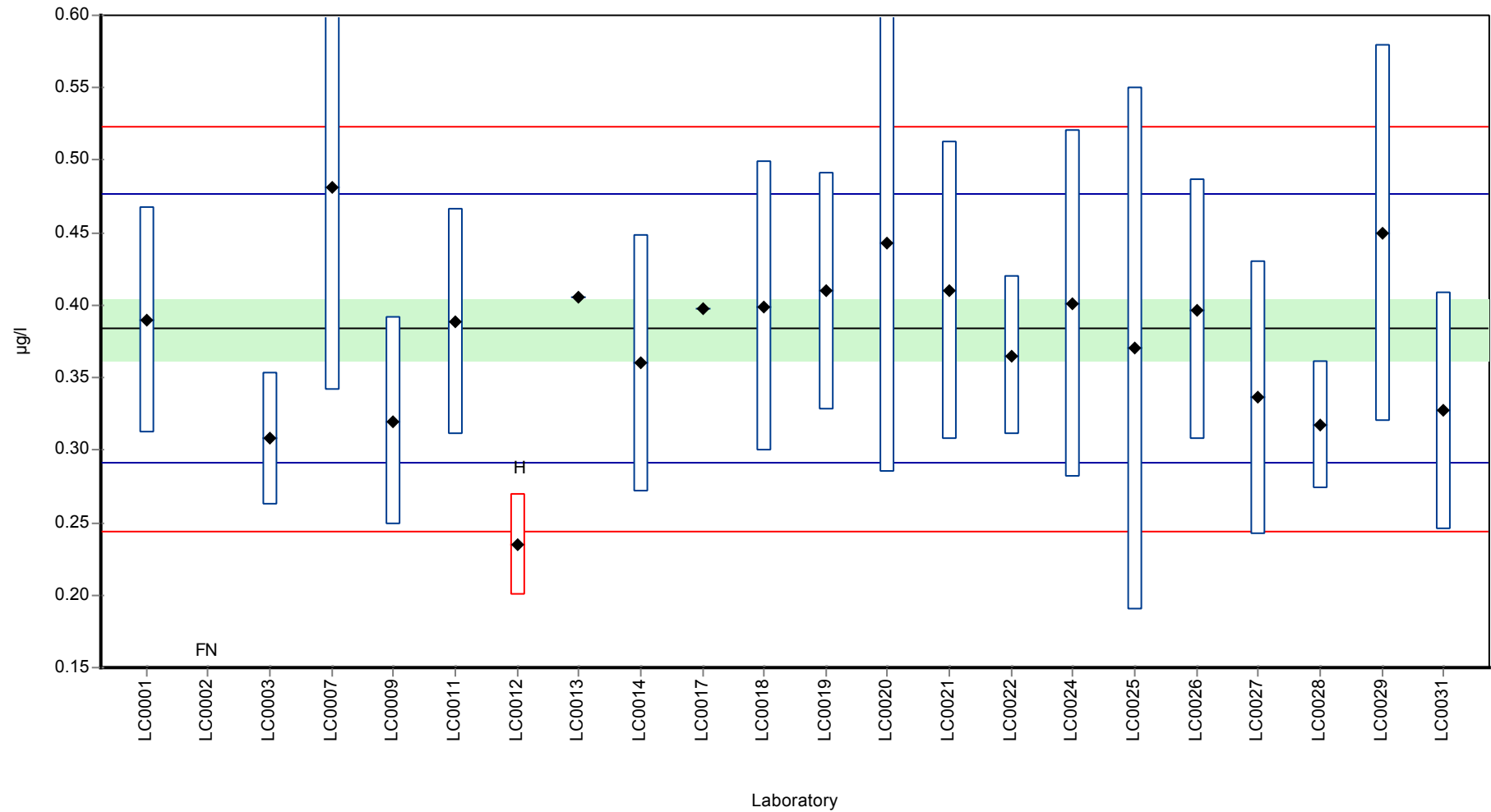
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	all results	without outliers	Unit
Mean ± CI (99%)	0.377 ± 0.0365	0.384 ± 0.0312	µg/l
Minimum	0.235	0.308	µg/l
Maximum	0.481	0.481	µg/l
Standard deviation	0.0557	0.0465	µg/l
rel. Standard deviation	14.8	12.1	%
n	21	20	-

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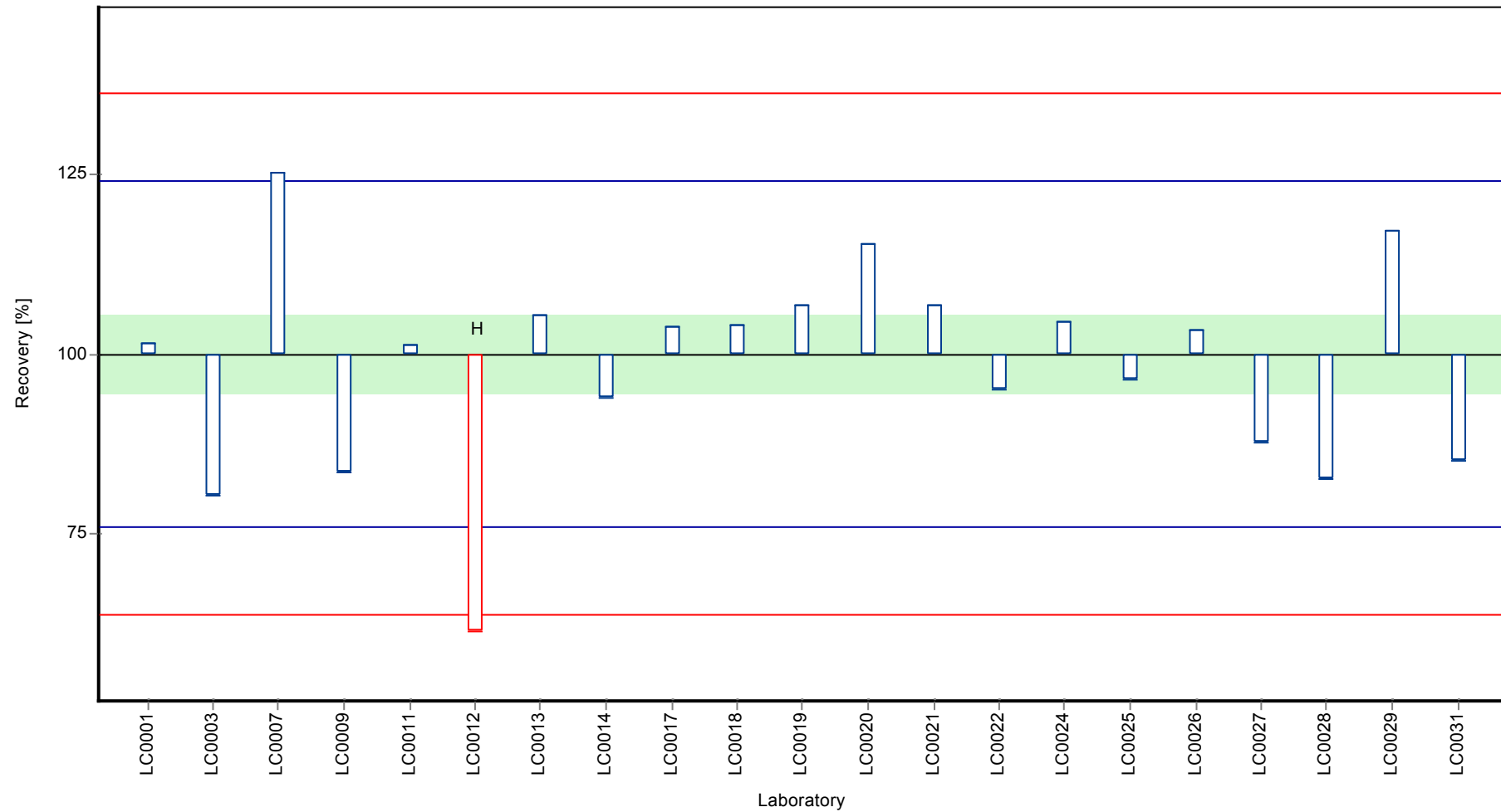
Graphical presentation of results

Results

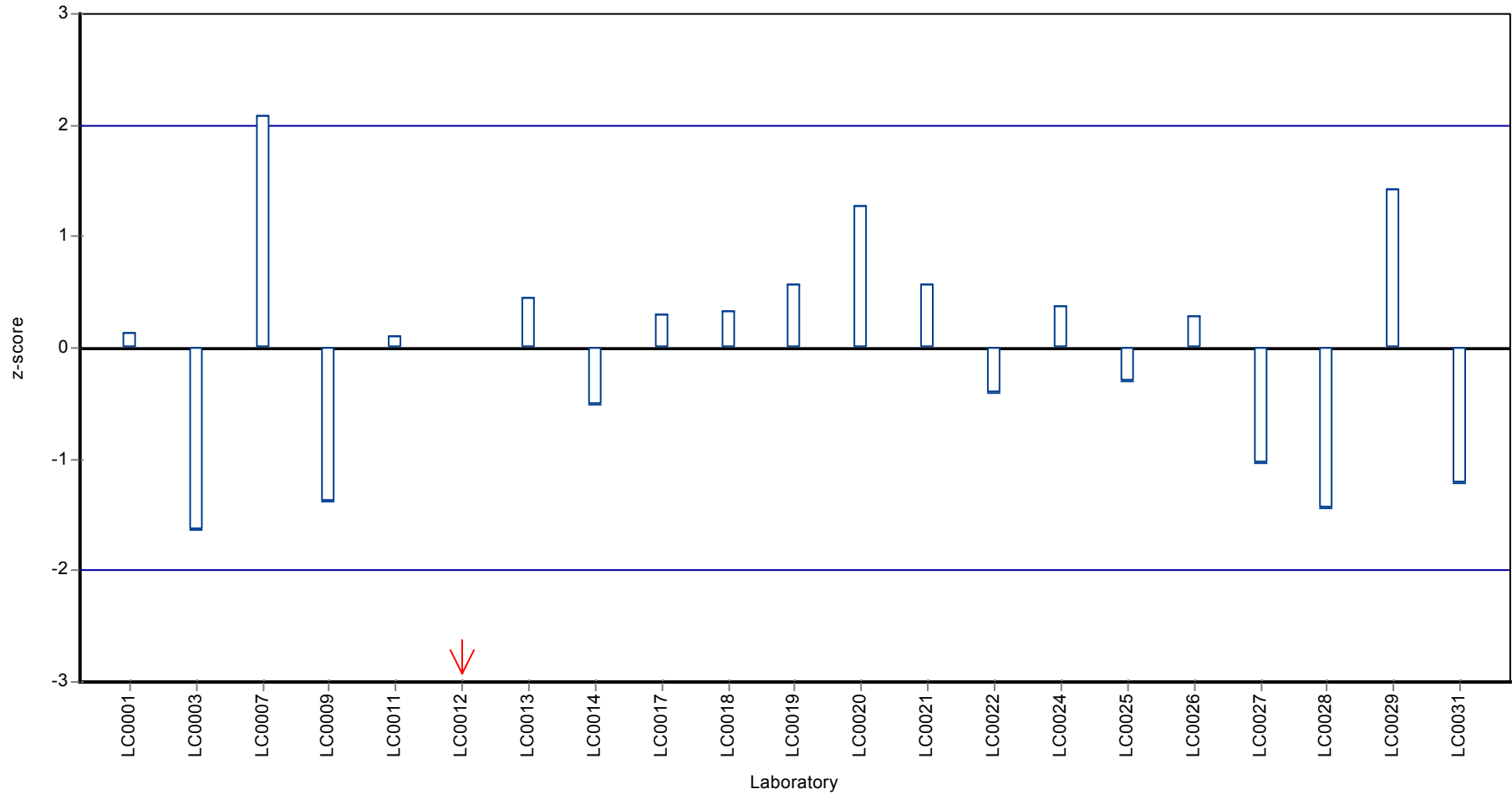




Recovery rate



Z-score



## Parameter oriented report

### H98 B

### 2,4-D

Unit	µg/l
Mean ± CI (99%)	0.12 ± 0.0142
Minimum - Maximum	0.076 - 0.169
Control test value ± U	0.11 ± 0.00765

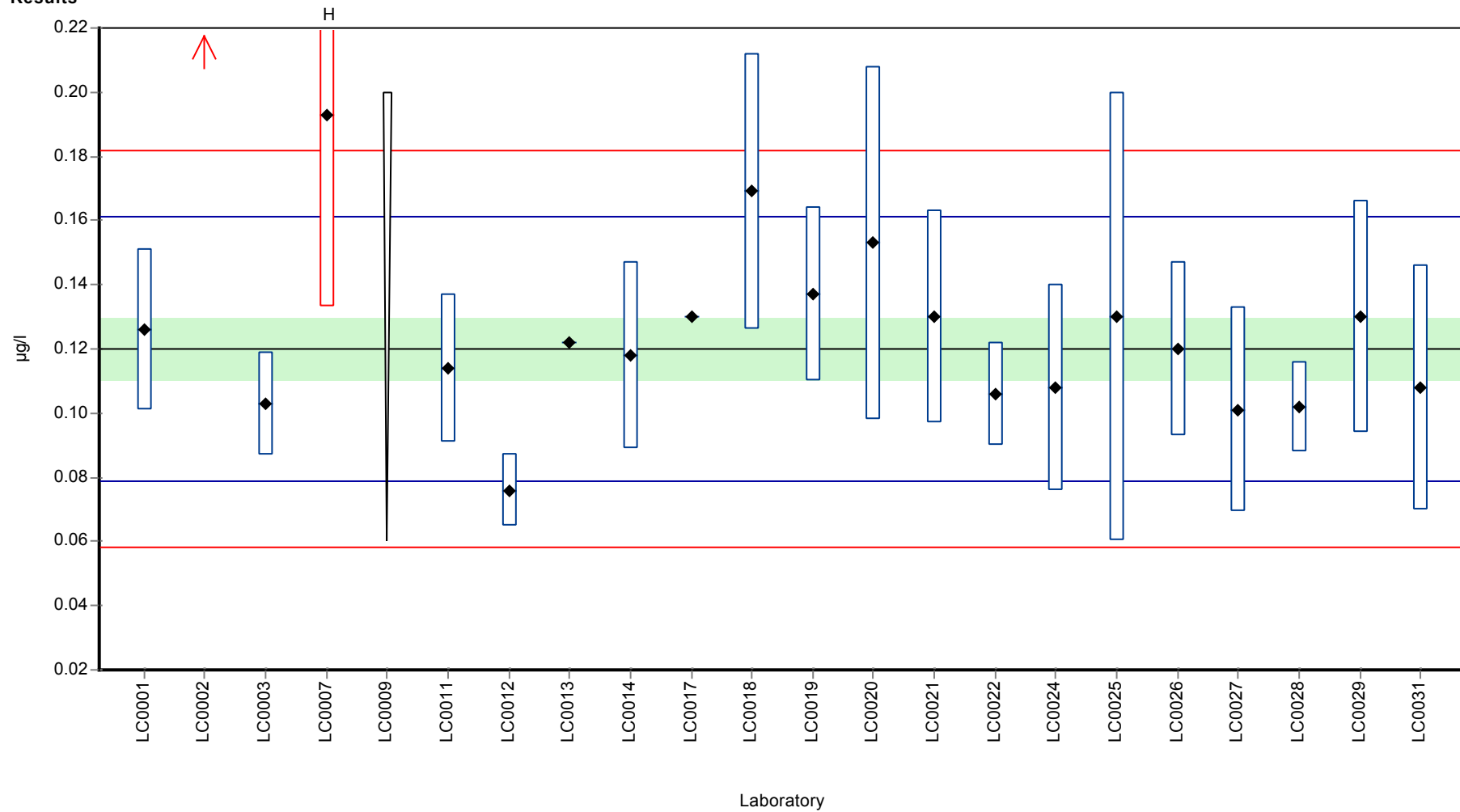
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.126	0.025	105	0.28	
LC0002	0.46	0.23	383	16.5	H
LC0003	0.103	0.016	85.7	-0.83	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	0.193	0.06	161	3.53	H
LC0008	-	-	-	-	
LC0009	< 0.2 (LOQ)	-	-	-	
LC0010	-	-	-	-	
LC0011	0.114	0.023	94.9	-0.3	
LC0012	0.076	0.0114	63.3	-2.14	
LC0013	0.122	-	102	0.09	
LC0014	0.118	0.029	98.2	-0.1	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	0.13	-	108	0.48	
LC0018	0.169	0.043	141	2.37	
LC0019	0.137	0.027	114	0.82	
LC0020	0.153	0.055	127	1.59	
LC0021	0.13	0.033	108	0.48	
LC0022	0.106	0.016	88.2	-0.69	
LC0023	-	-	-	-	
LC0024	0.108	0.032	89.9	-0.59	
LC0025	0.13	0.07	108	0.48	
LC0026	0.12	0.027	99.9	-0.01	
LC0027	0.101	0.032	84.1	-0.93	
LC0028	0.102	0.014	84.9	-0.88	
LC0029	0.13	0.036	108	0.48	
LC0030	-	-	-	-	
LC0031	0.108	0.038	89.9	-0.59	
LC0032	-	-	-	-	

**Characteristics of parameter**

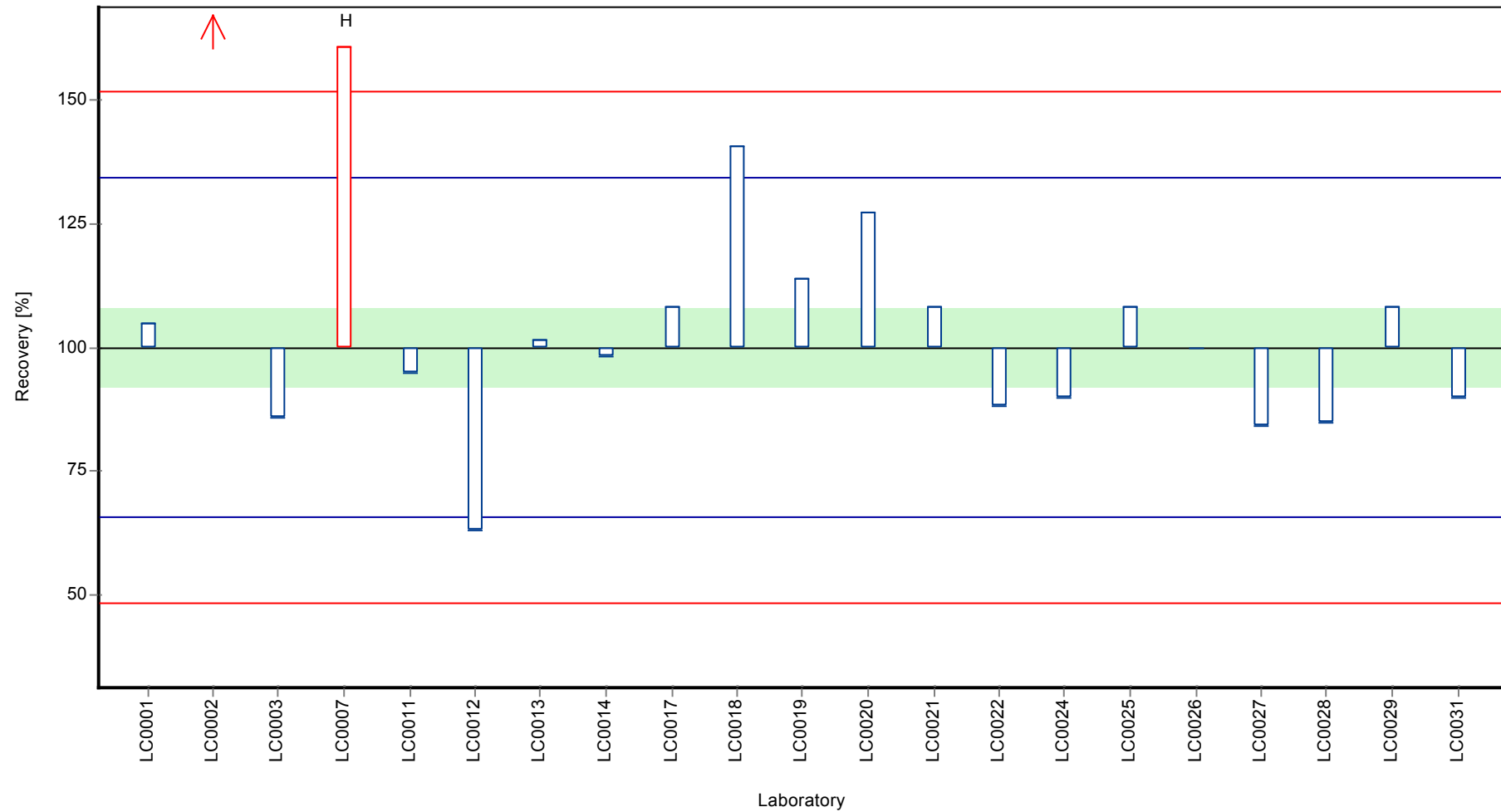
	all results	without outliers	Unit
Mean ± CI (99%)	0.14 ± 0.0508	0.12 ± 0.0142	µg/l
Minimum	0.076	0.076	µg/l
Maximum	0.46	0.169	µg/l
Standard deviation	0.0776	0.0206	µg/l
rel. Standard deviation	55.5	17.2	%
n	21	19	-

Graphical presentation of results

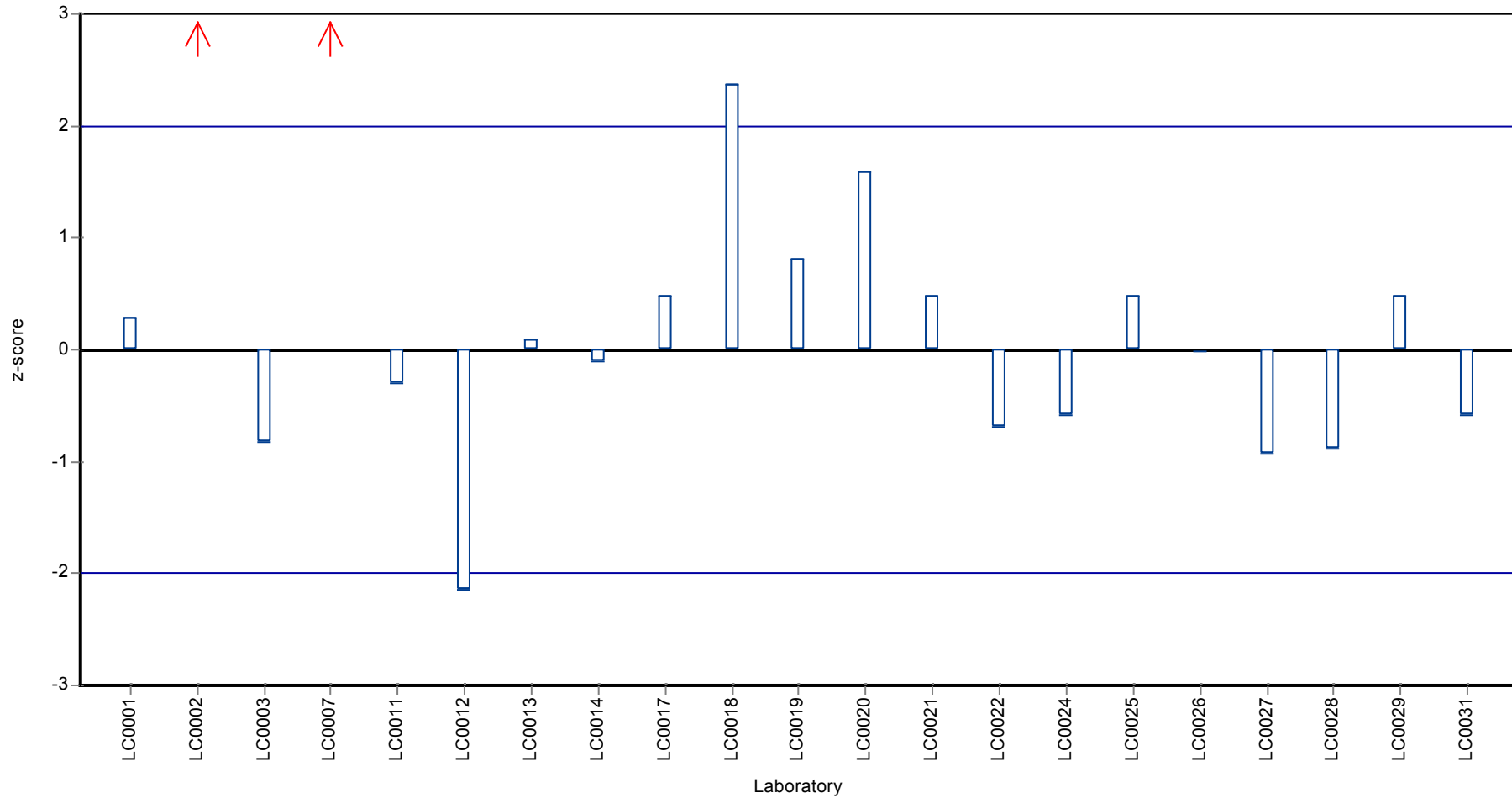
Results



Recovery rate



Z-score



## Parameter oriented report

### H98 A

#### 2,4,5-Trichlorophenoxyacetic acid

Unit	µg/l
Mean ± CI (99%)	0.557 ± 0.162
Minimum - Maximum	0.238 - 0.78
Control test value ± U	0.594 ± 0.0768

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.017	0.009	3	-3.34	H
LC0003	0.448	0.067	80.4	-0.67	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.238	0.0357	42.7	-1.97	
LC0013	0.605	-	109	0.3	
LC0014	0.738	0.226	133	1.12	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.586	0.117	105	0.18	
LC0020	-	-	-	-	
LC0021	0.78	0.195	140	1.38	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	0.6	0.18	108	0.27	
LC0026	-	-	-	-	
LC0027	0.547	0.06	98.2	-0.06	
LC0028	-	-	-	-	
LC0029	0.47	0.29	84.4	-0.54	
LC0030	-	-	-	-	
LC0031	-	-	-	-	
LC0032	-	-	-	-	

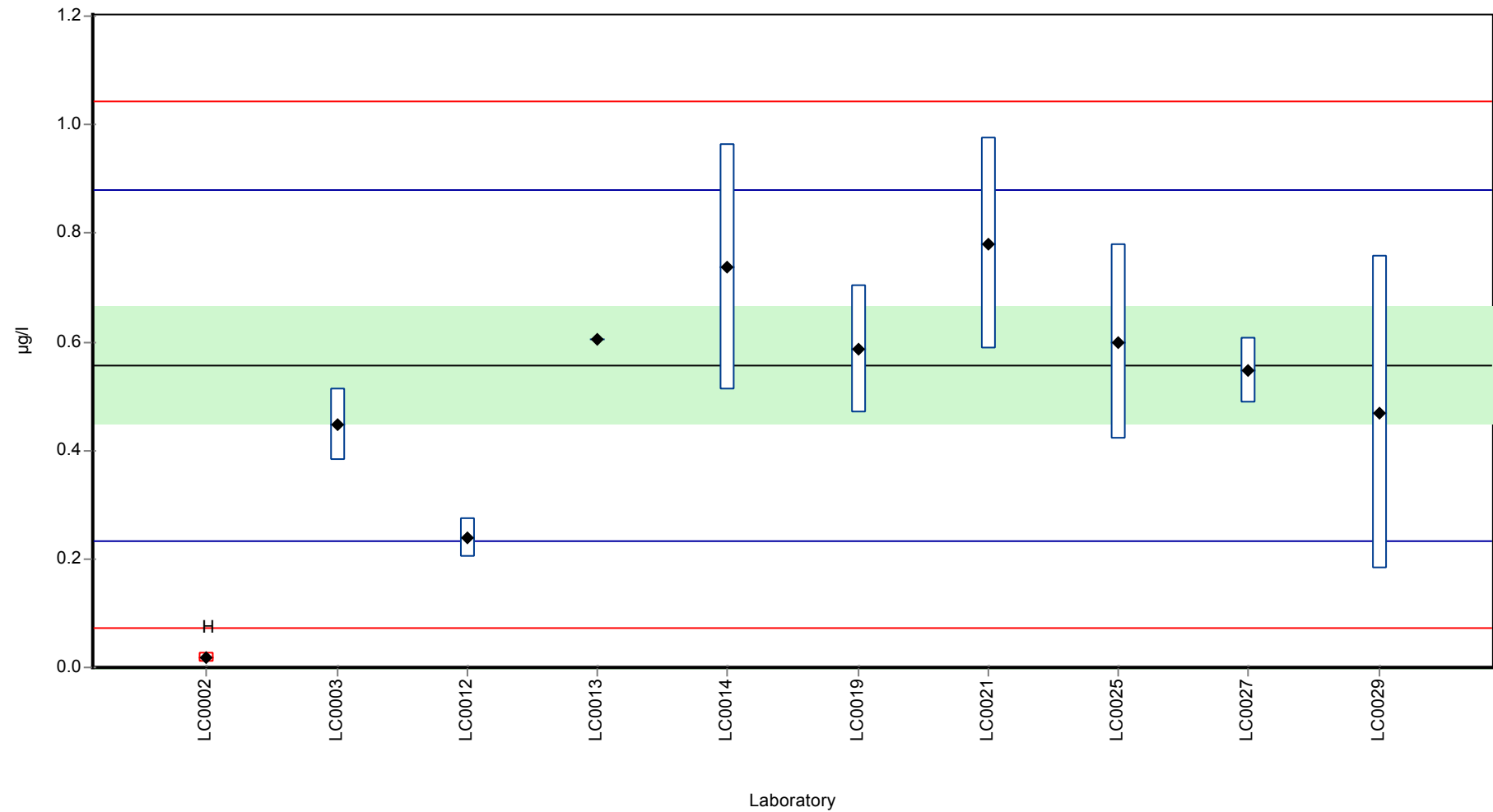


**Characteristics of parameter**

	all results	without outliers	Unit
Mean ± CI (99%)	0.503 ± 0.217	0.557 ± 0.162	µg/l
Minimum	0.017	0.238	µg/l
Maximum	0.78	0.78	µg/l
Standard deviation	0.229	0.162	µg/l
rel. Standard deviation	45.5	29	%
n	10	9	-

Graphical presentation of results

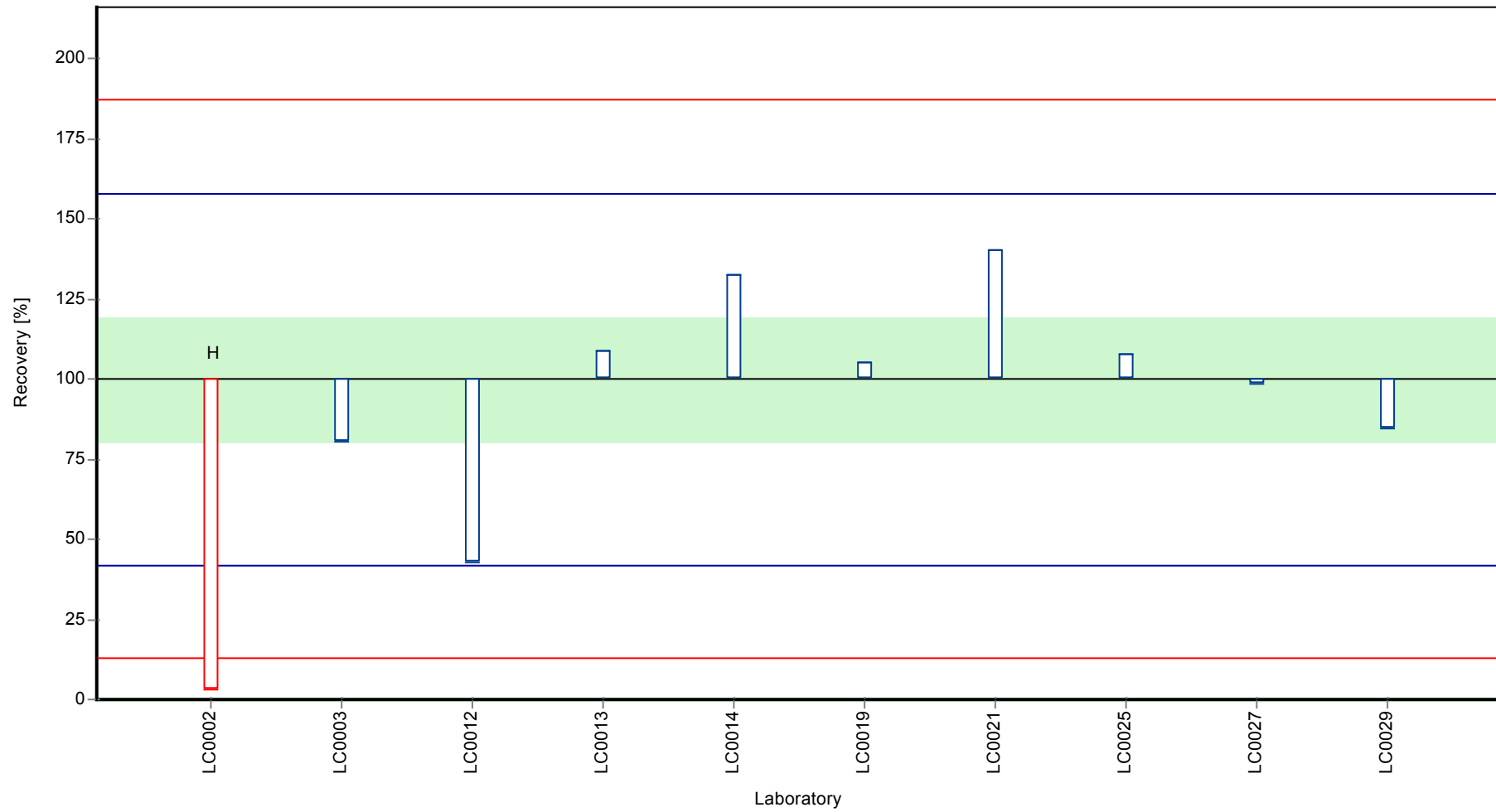
Results



Parameter oriented report Pesticides H98

Sample: H98A, Parameter: 2,4,5-Trichlorphenoxyacetic acid

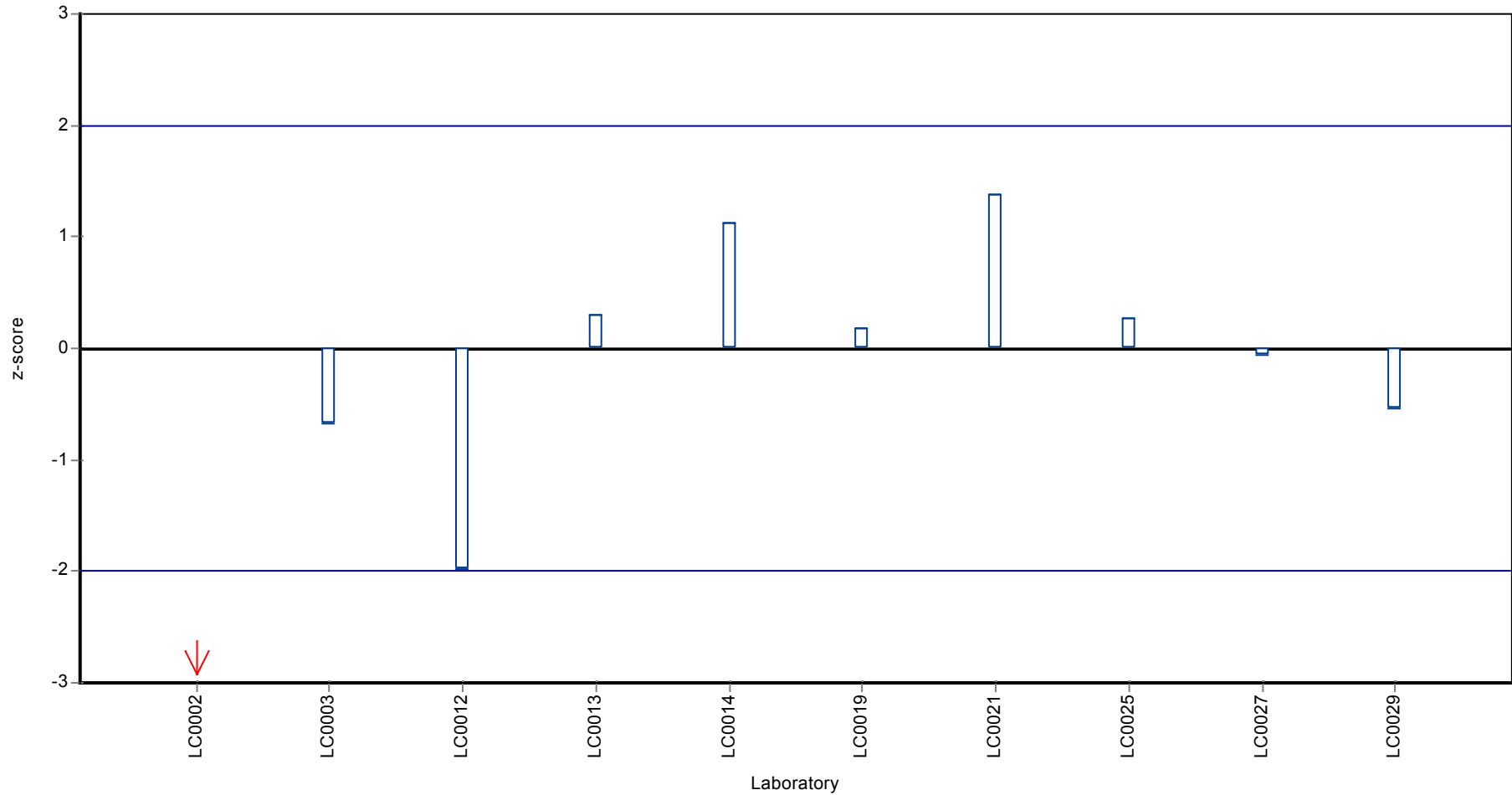
**Recovery rate**



Parameter oriented report Pesticides H98

Sample: H98A, Parameter: 2,4,5-Trichlorphenoxyacetic acid

Z-score



## Parameter oriented report

### H98 B

#### 2,4,5-Trichlorophenoxyacetic acid

Unit	µg/l
Mean ± CI (99%)	0.246 ± 0.0344
Minimum - Maximum	0.2 - 0.31
Control test value ± U	0.28 ± 0.0108

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	< 0.01 (LOQ)	-	-	-	FN
LC0003	0.23	0.035	93.4	-0.5	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.146	0.0219	59.3	-3.09	H
LC0013	0.27	-	110	0.73	
LC0014	0.251	0.077	102	0.15	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.236	0.047	95.8	-0.32	
LC0020	-	-	-	-	
LC0021	0.31	0.078	126	1.96	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	0.24	0.12	97.5	-0.19	
LC0026	-	-	-	-	
LC0027	0.233	0.035	94.6	-0.41	
LC0028	-	-	-	-	
LC0029	0.2	0.12	81.2	-1.43	
LC0030	-	-	-	-	
LC0031	-	-	-	-	
LC0032	-	-	-	-	

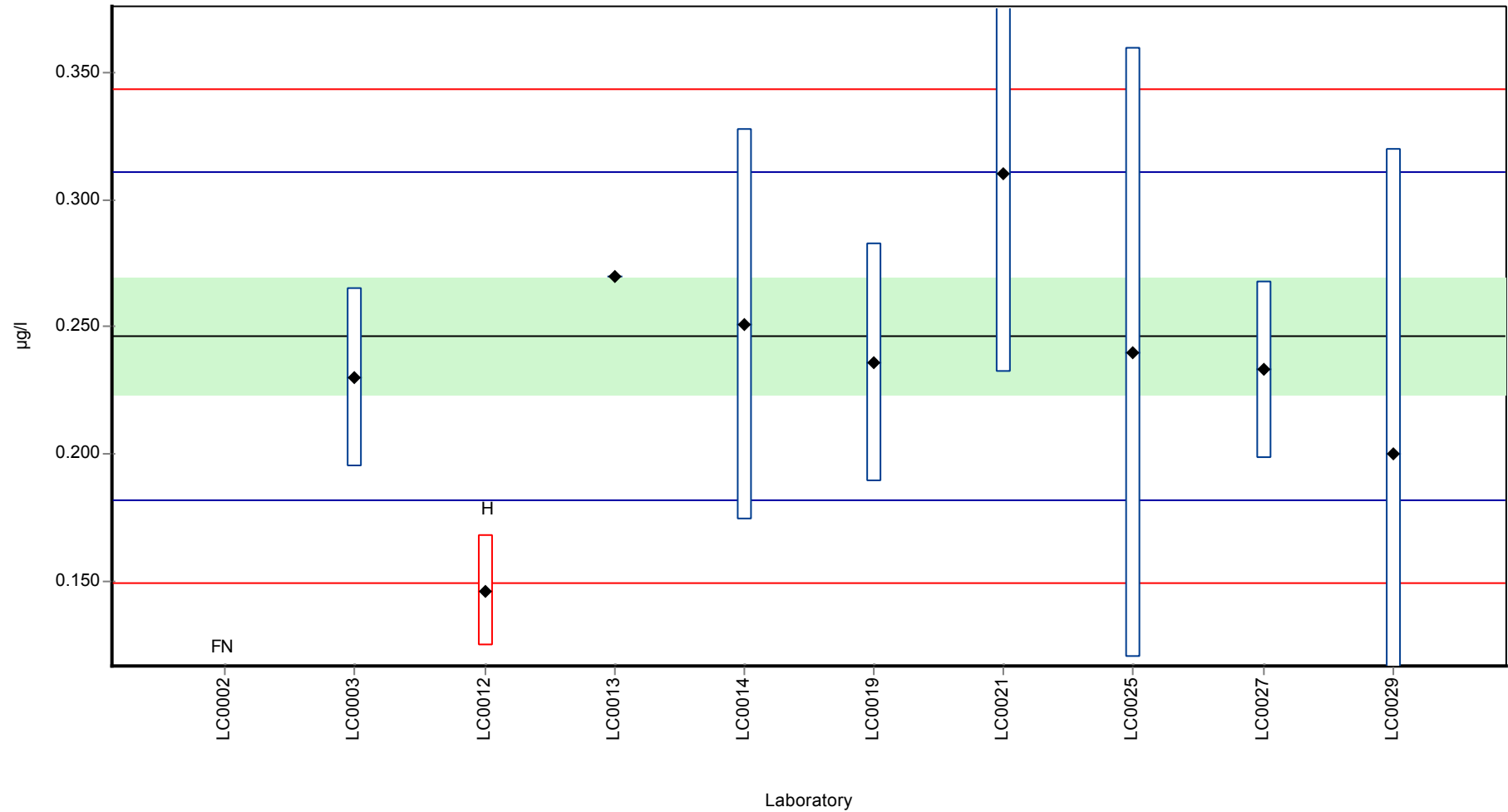
Parameter oriented report Pesticides H98

Sample: H98B, Parameter: 2,4,5-Trichlorophenoxyacetic acid

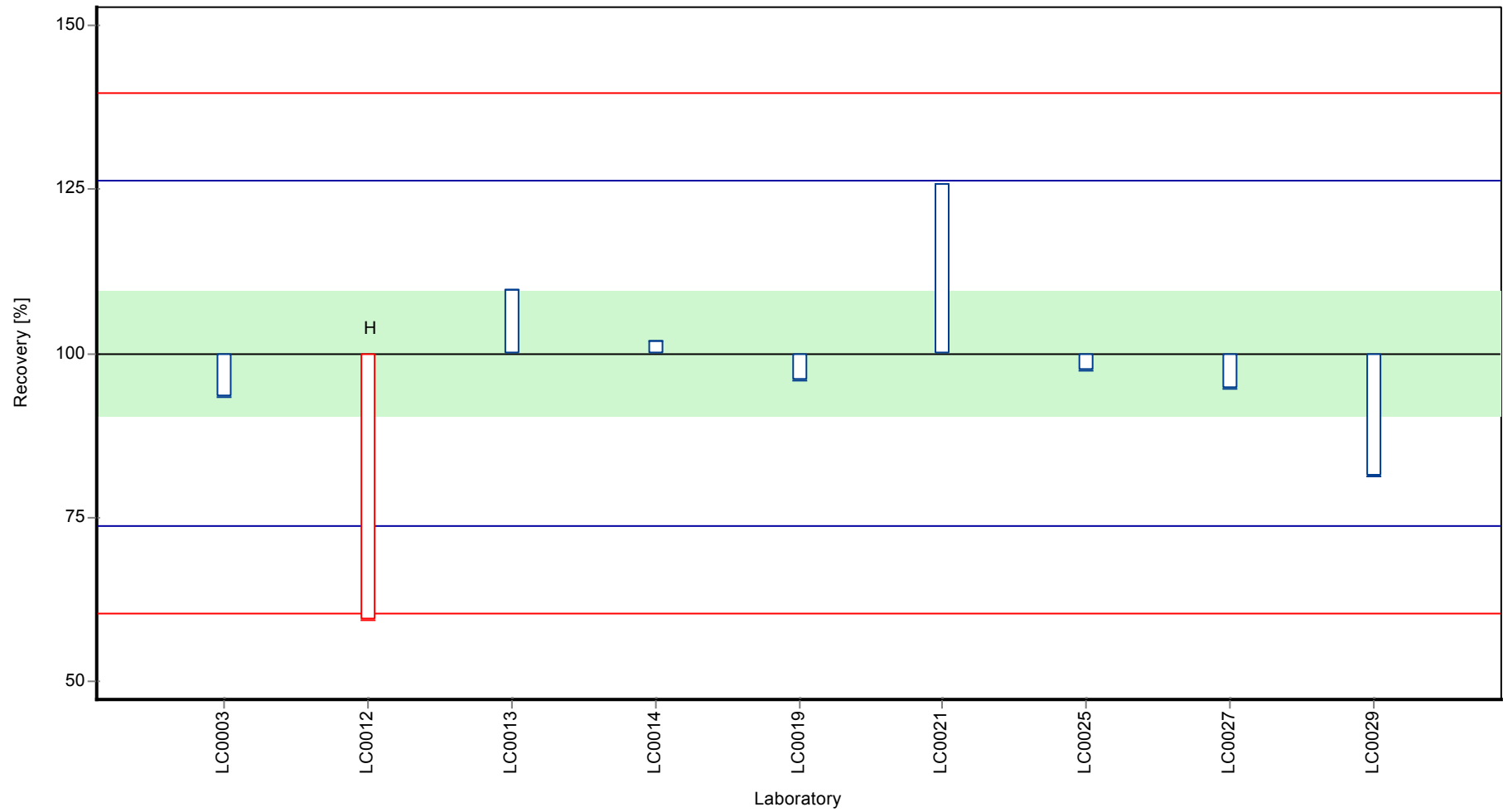
**Characteristics of parameter**

	all results	without outliers	Unit
Mean ± CI (99%)	0.235 ± 0.0451	0.246 ± 0.0344	µg/l
Minimum	0.146	0.2	µg/l
Maximum	0.31	0.31	µg/l
Standard deviation	0.0451	0.0325	µg/l
rel. Standard deviation	19.2	13.2	%
n	9	8	-

**Graphical presentation of results**  
**Results**



Recovery rate

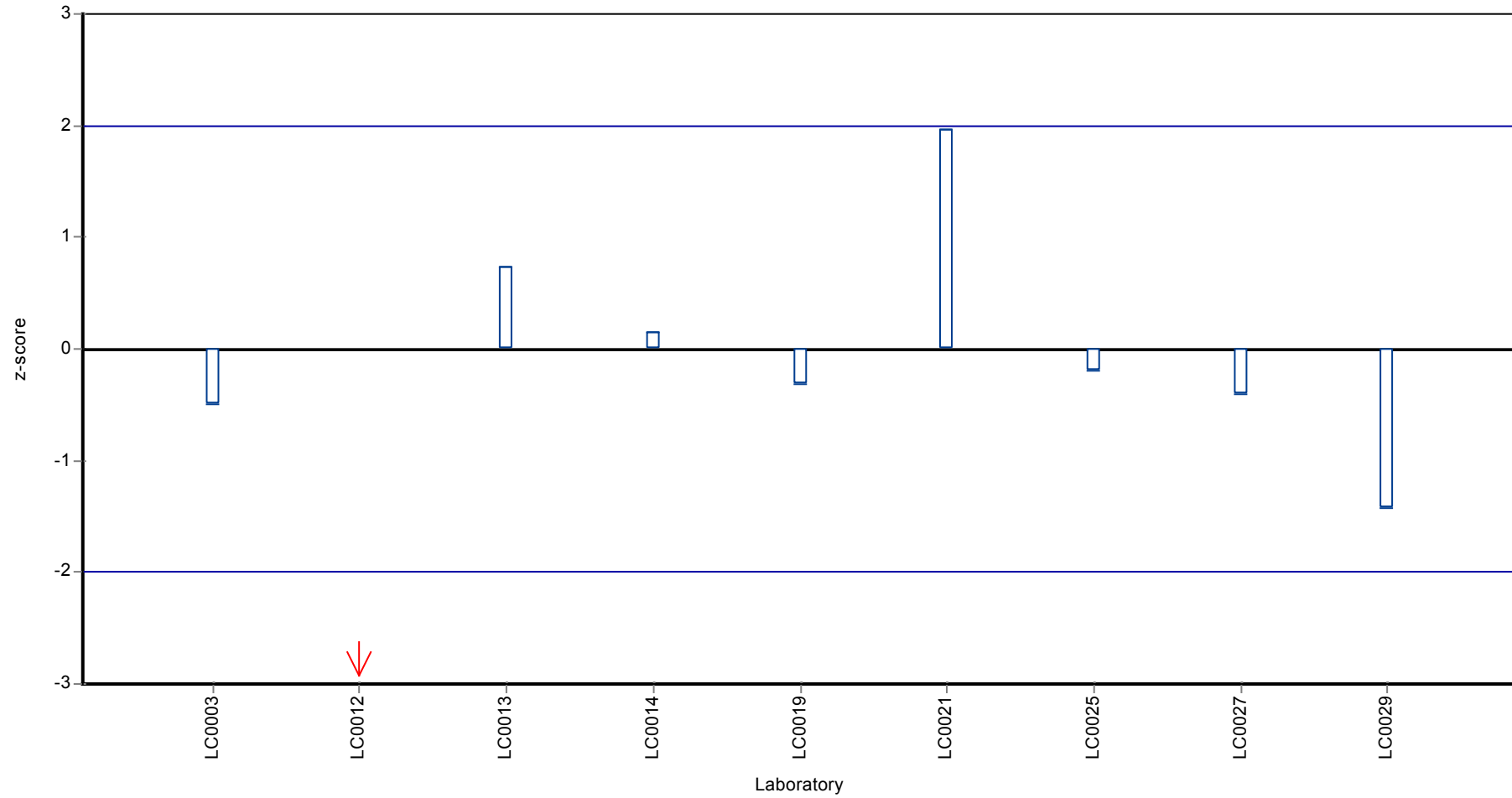




Parameter oriented report Pesticides H98

Sample: H98B, Parameter: 2,4,5-Trichlorophenoxyacetic acid

Z-score



## Parameter oriented report

### H98 A

#### Alachlor

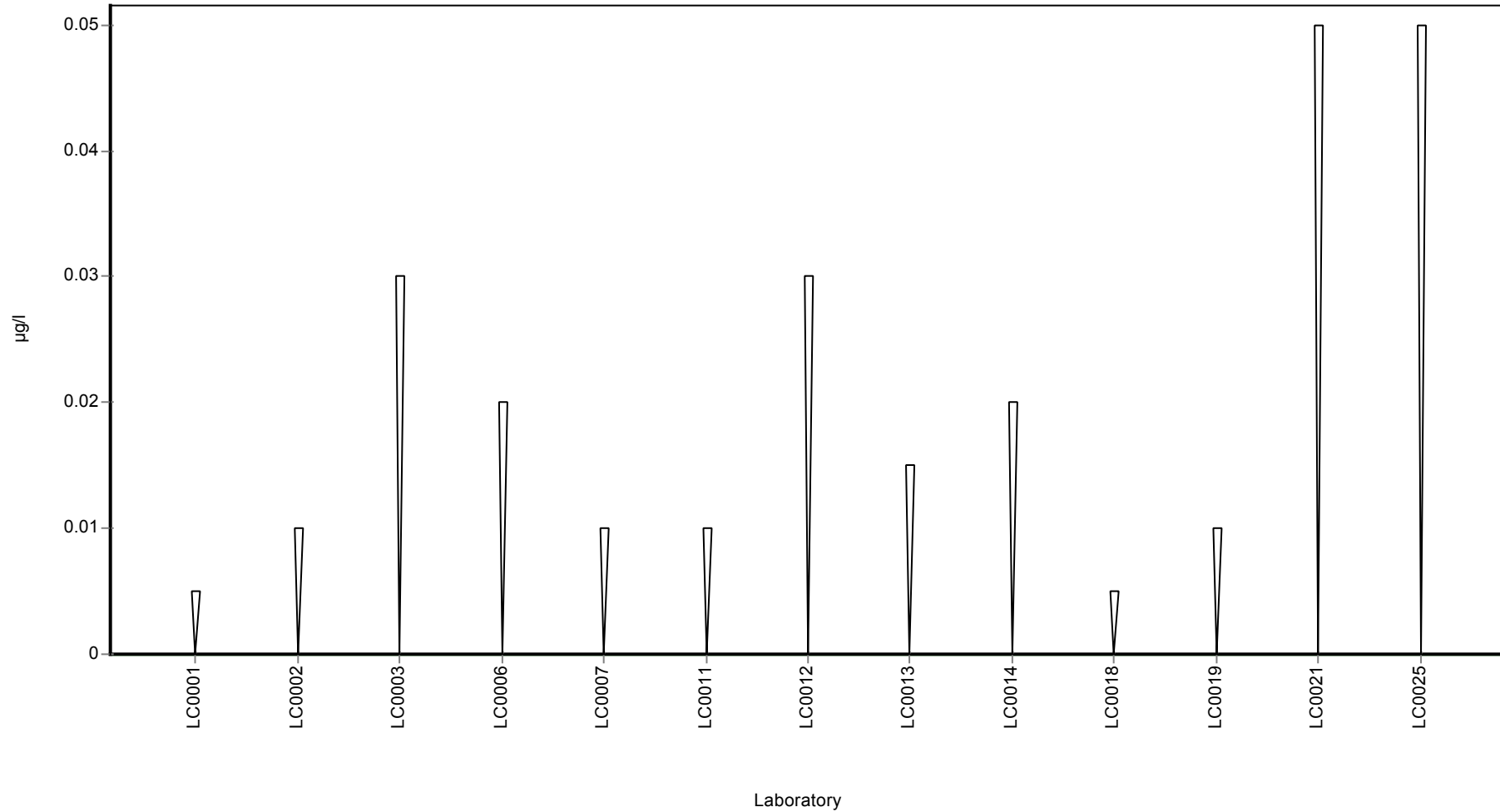
Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	<0.005 (LOD)	-	-	-	
LC0002	< 0.01 (LOQ)	-	-	-	
LC0003	< 0.03 (LOQ)	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	< 0.02 (LOQ)	-	-	-	
LC0007	< 0.01 (LOQ)	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	< 0.03 (LOQ)	-	-	-	
LC0013	< 0.015 (LOQ)	-	-	-	
LC0014	< 0.02 (LOQ)	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	<0.005 (LOD)	-	-	-	
LC0019	< 0.01 (LOQ)	-	-	-	
LC0020	-	-	-	-	
LC0021	< 0.05 (LOQ)	-	-	-	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	< 0.05 (LOQ)	-	-	-	
LC0026	-	-	-	-	
LC0027	-	-	-	-	
LC0028	-	-	-	-	
LC0029	-	-	-	-	
LC0030	-	-	-	-	
LC0031	-	-	-	-	
LC0032	-	-	-	-	

**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

### H98 B

#### Alachlor

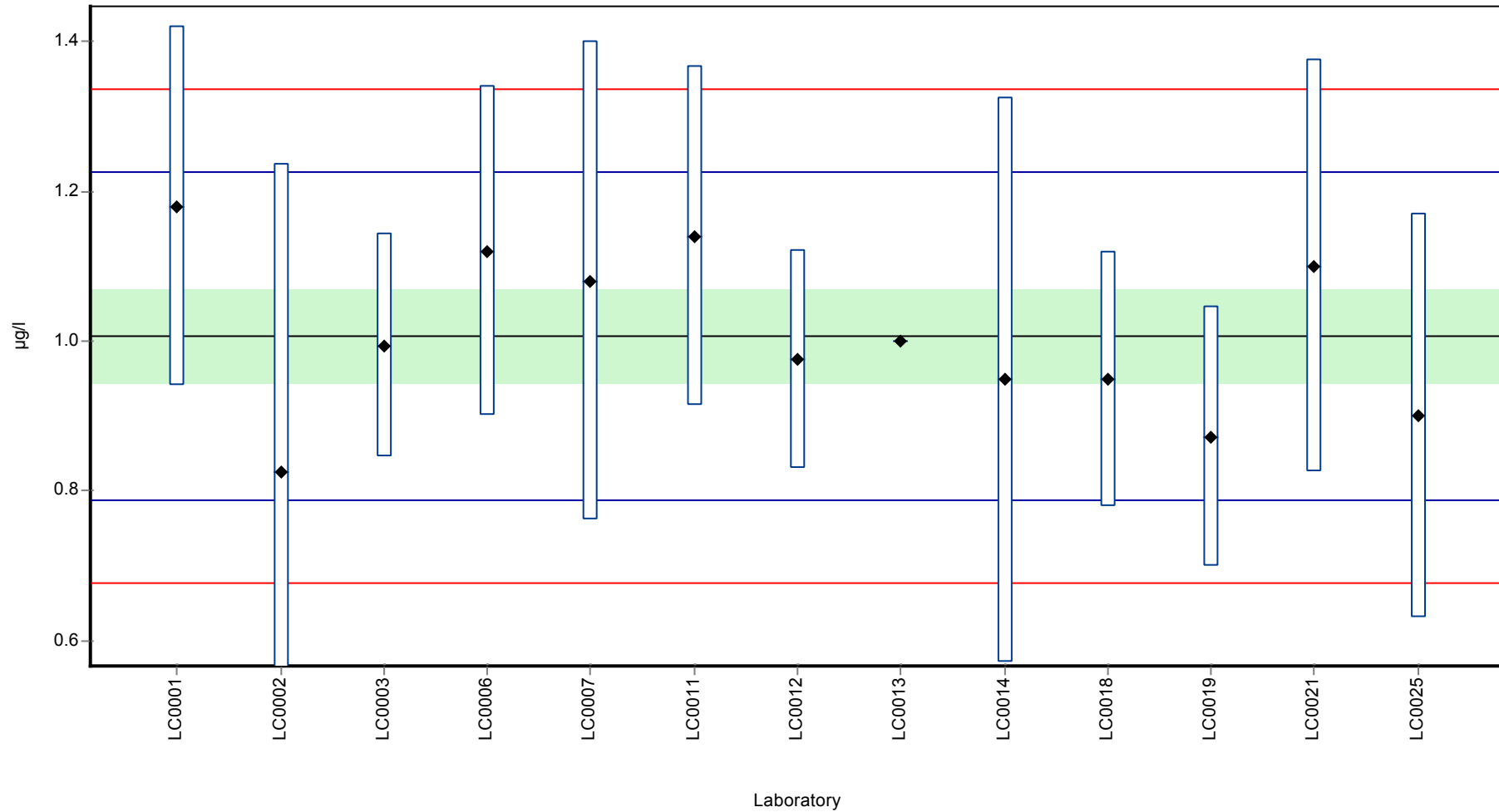
Unit	µg/l
Mean ± CI (99%)	1.01 ± 0.0916
Minimum - Maximum	0.824 - 1.18
Control test value ± U	0.983 ± 0.0238

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	1.18	0.24	117	1.58	
LC0002	0.824	0.412	81.9	-1.66	
LC0003	0.994	0.15	98.8	-0.11	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	1.12	0.22	111	1.03	
LC0007	1.08	0.32	107	0.67	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	1.14	0.227	113	1.21	
LC0012	0.976	0.1464	97	-0.28	
LC0013	1	-	99.4	-0.06	
LC0014	0.948	0.377	94.2	-0.53	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	0.949	0.171	94.3	-0.52	
LC0019	0.872	0.174	86.6	-1.22	
LC0020	-	-	-	-	
LC0021	1.1	0.275	109	0.85	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	0.9	0.27	89.4	-0.97	
LC0026	-	-	-	-	
LC0027	-	-	-	-	
LC0028	-	-	-	-	
LC0029	-	-	-	-	
LC0030	-	-	-	-	
LC0031	-	-	-	-	
LC0032	-	-	-	-	

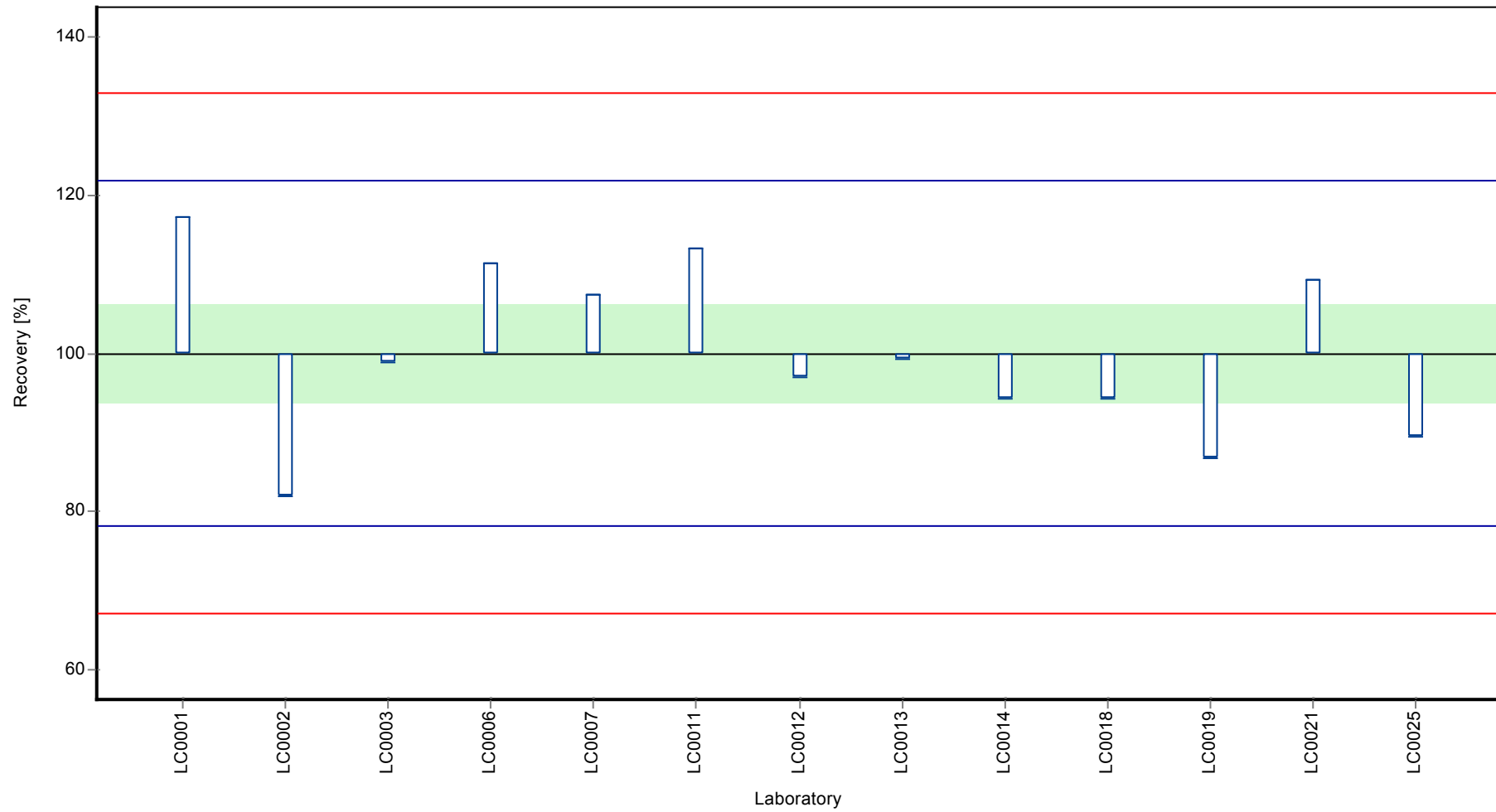
**Characteristics of parameter**

	all results	without outliers	Unit
Mean ± CI (99%)	1.01 ± 0.0916	1.01 ± 0.0916	µg/l
Minimum	0.824	0.824	µg/l
Maximum	1.18	1.18	µg/l
Standard deviation	0.11	0.11	µg/l
rel. Standard deviation	10.9	10.9	%
n	13	13	-

Graphical presentation of results  
Results

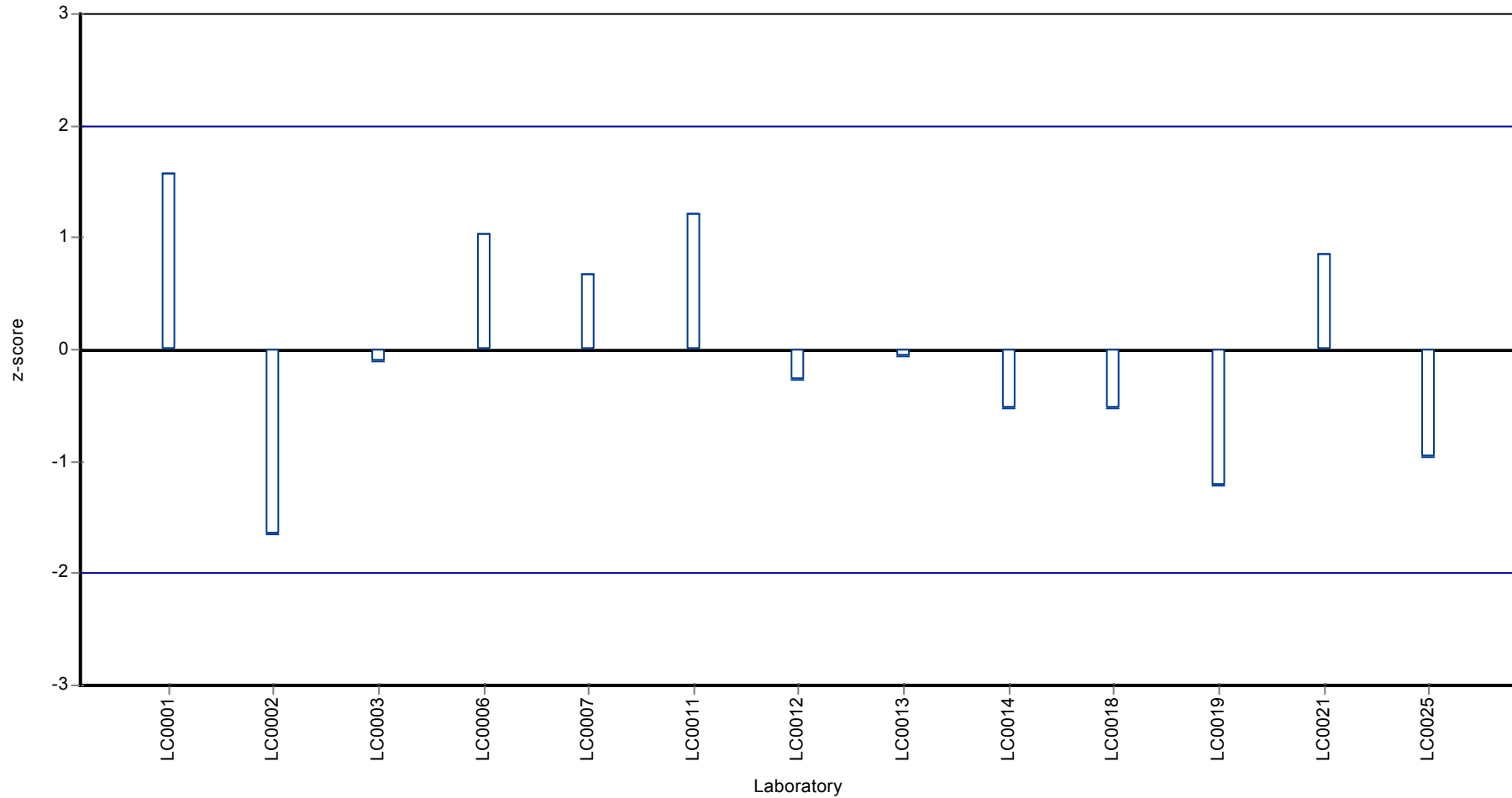


Recovery rate





Z-score



## Parameter oriented report

### H98 A

#### Alachlor ESA

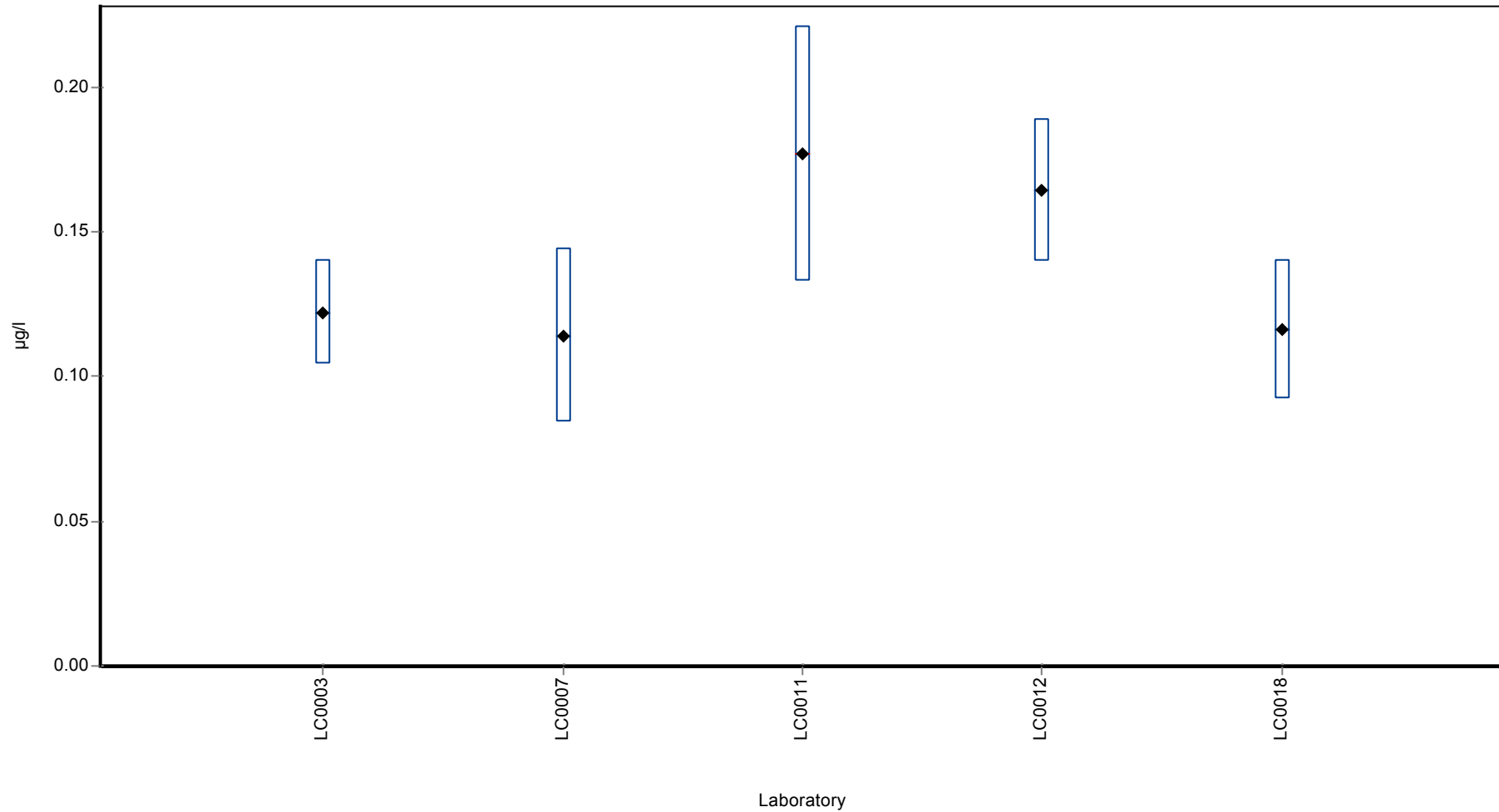
Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.114 - 0.164
Control test value ± U	0.111 ± 0.00987

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.122	0.018	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	0.114	0.03	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.177	0.044	-	-	
LC0012	0.164	0.0246	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	0.116	0.024	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	-	-	-	-	
LC0028	-	-	-	-	
LC0029	-	-	-	-	
LC0030	-	-	-	-	
LC0031	-	-	-	-	
LC0032	-	-	-	-	

**Characteristics of parameter**

	all results	without outliers	Unit
Mean ± CI (99%)	0.139 ± 0.0398	-	µg/l
Minimum	0.114	0.114	µg/l
Maximum	0.177	0.177	µg/l
Standard deviation	0.0296	-	µg/l
rel. Standard deviation	21.4	-	%
n	5	5	-

**Graphical presentation of results**  
**Results**



## Parameter oriented report

### H98 B

#### Alachlor ESA

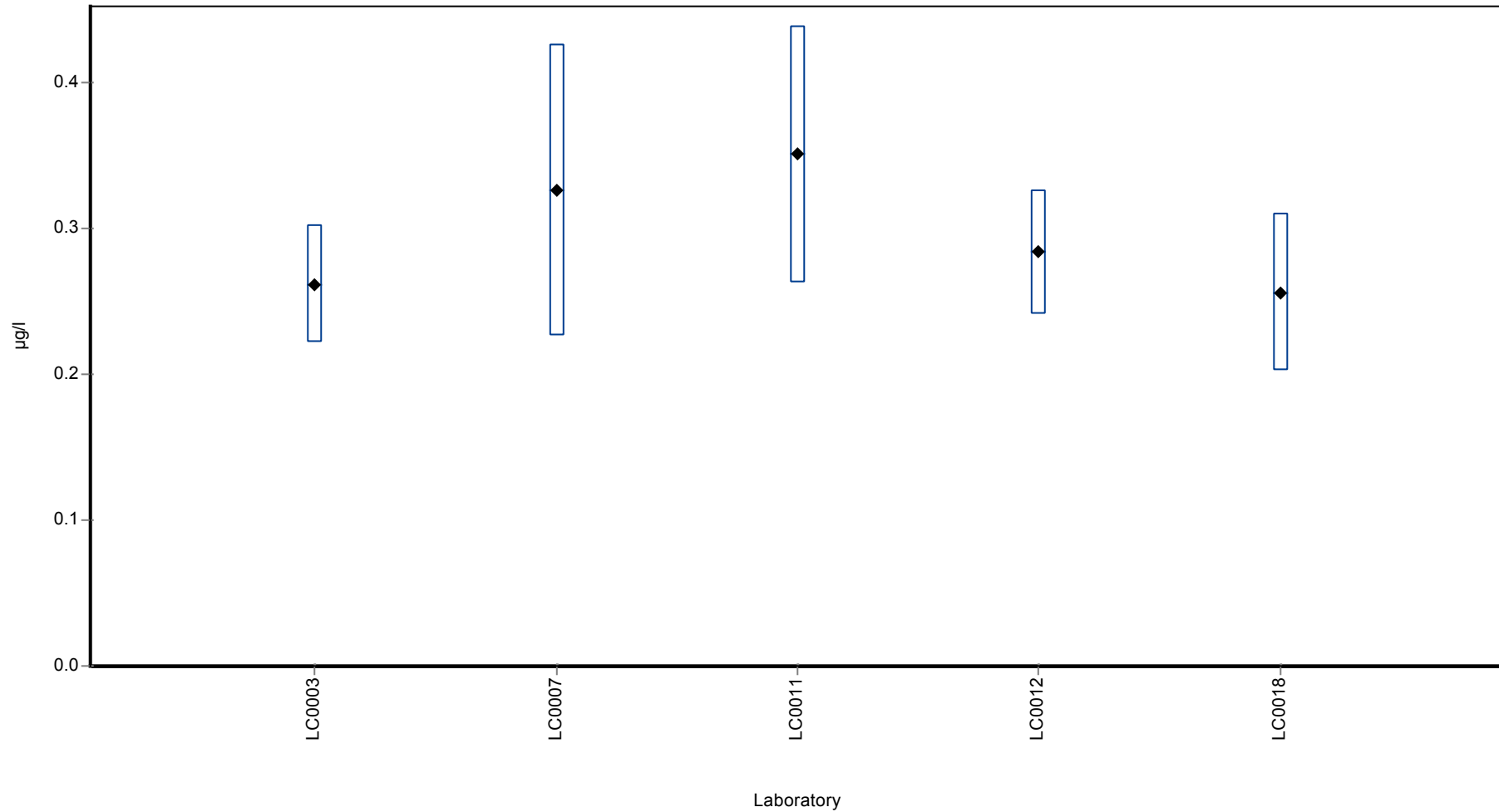
Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.256 - 0.351
Control test value ± U	0.254 ± 0.0141

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.262	0.04	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	0.326	0.1	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.351	0.088	-	-	
LC0012	0.284	0.0426	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	0.256	0.054	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	-	-	-	-	
LC0028	-	-	-	-	
LC0029	-	-	-	-	
LC0030	-	-	-	-	
LC0031	-	-	-	-	
LC0032	-	-	-	-	

**Characteristics of parameter**

	all results	without outliers	Unit
Mean ± CI (99%)	0.296 ± 0.0554	-	µg/l
Minimum	0.256	0.256	µg/l
Maximum	0.351	0.351	µg/l
Standard deviation	0.0413	-	µg/l
rel. Standard deviation	14	-	%
n	5	5	-

**Graphical presentation of results**  
**Results**



## Parameter oriented report

### H98 A

#### Alachlor OA

Unit	µg/l
Mean ± CI (99%)	0.202 ± 0.048
Minimum - Maximum	0.159 - 0.269
Control test value ± U	0.155 ± 0.0131

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.218	0.033	108	0.38	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	0.159	0.05	78.8	-1.01	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.269	0.054	133	1.59	
LC0012	0.16	0.024	79.3	-0.99	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	0.236	0.09	117	0.81	
LC0019	0.204	0.041	101	0.05	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	-	-	-	-	
LC0028	0.167	0.042	82.7	-0.82	
LC0029	-	-	-	-	
LC0030	-	-	-	-	
LC0031	-	-	-	-	
LC0032	-	-	-	-	



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**Characteristics of parameter**

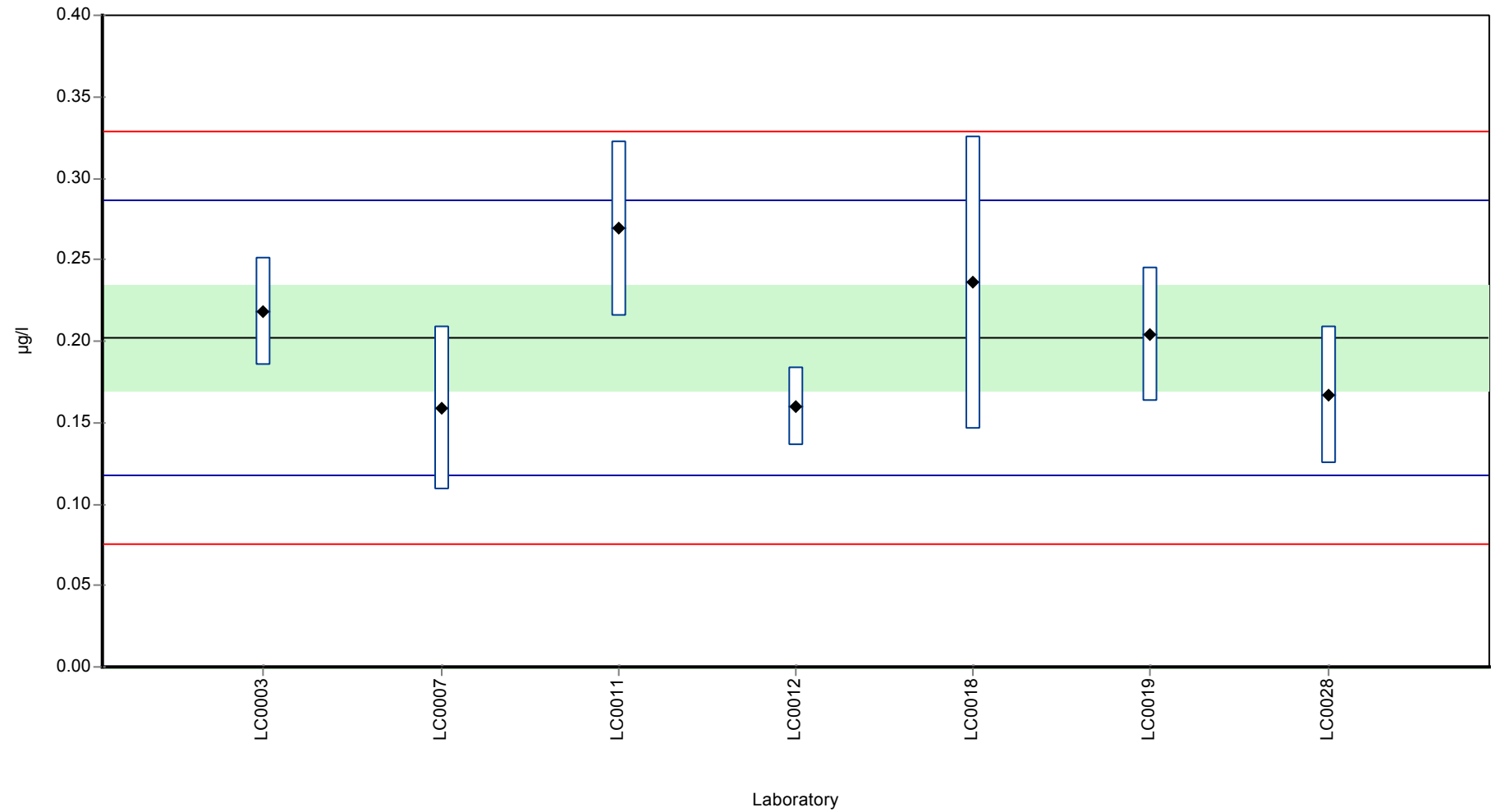
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	all results	without outliers	Unit
Mean ± CI (99%)	0.202 ± 0.048	0.202 ± 0.048	µg/l
Minimum	0.159	0.159	µg/l
Maximum	0.269	0.269	µg/l
Standard deviation	0.0423	0.0423	µg/l
rel. Standard deviation	21	21	%
n	7	7	-

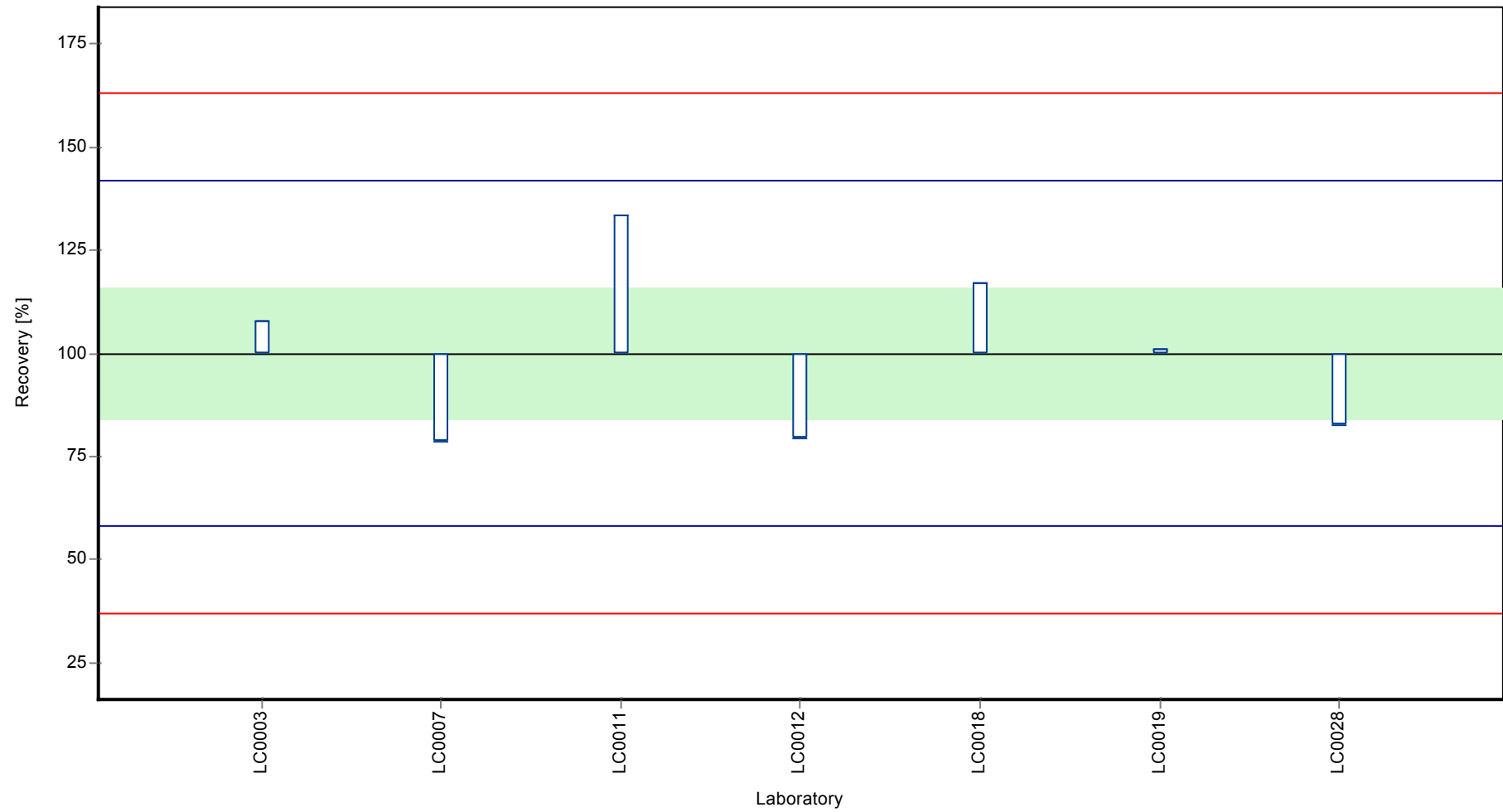
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Graphical presentation of results

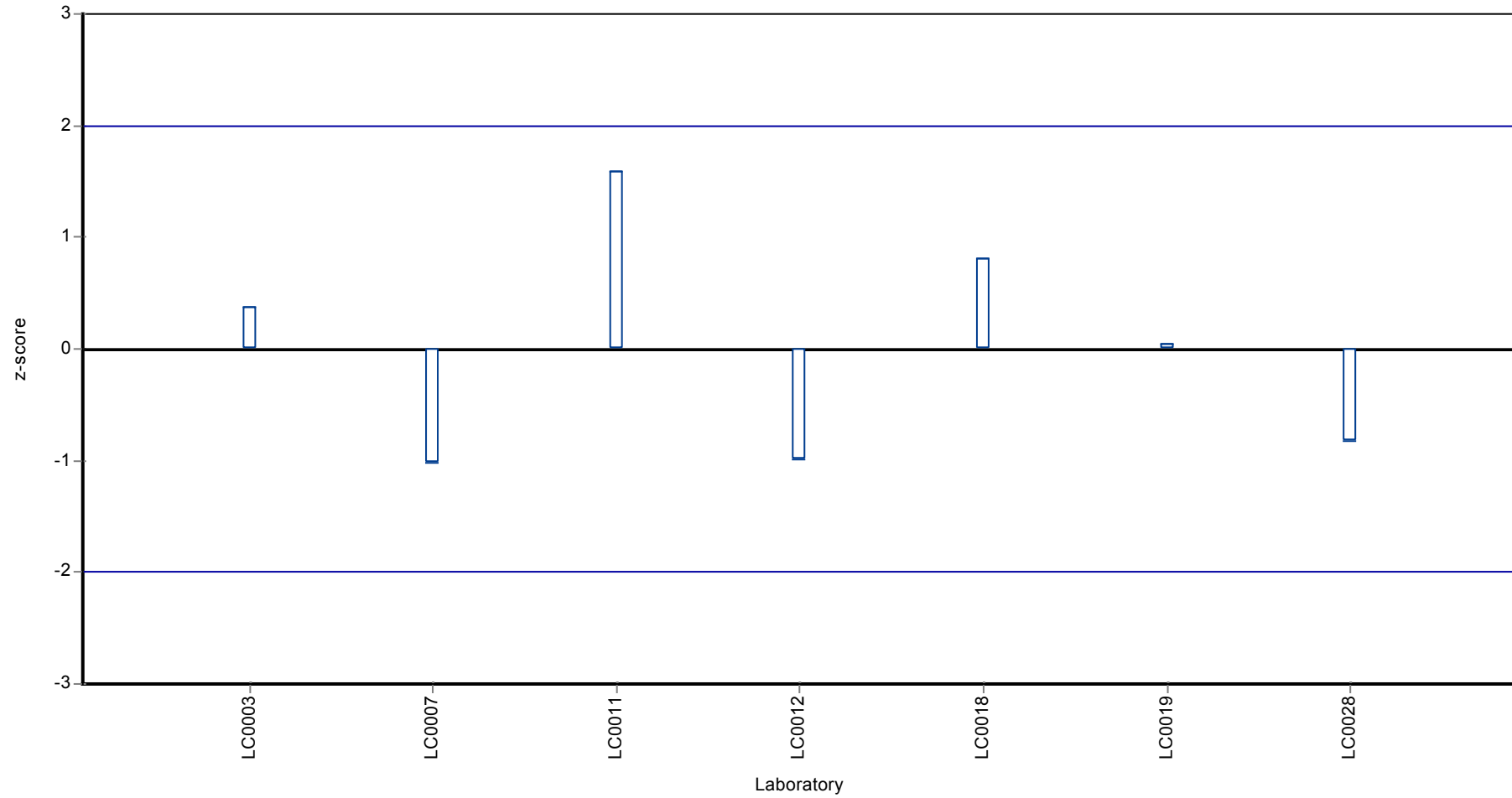
Results



**Recovery rate**



Z-score



## Parameter oriented report

### H98 B

#### Alachlor OA

Unit	µg/l
Mean ± CI (99%)	0.206 ± 0.0444
Minimum - Maximum	0.153 - 0.256
Control test value ± U	0.173 ± 0.0101

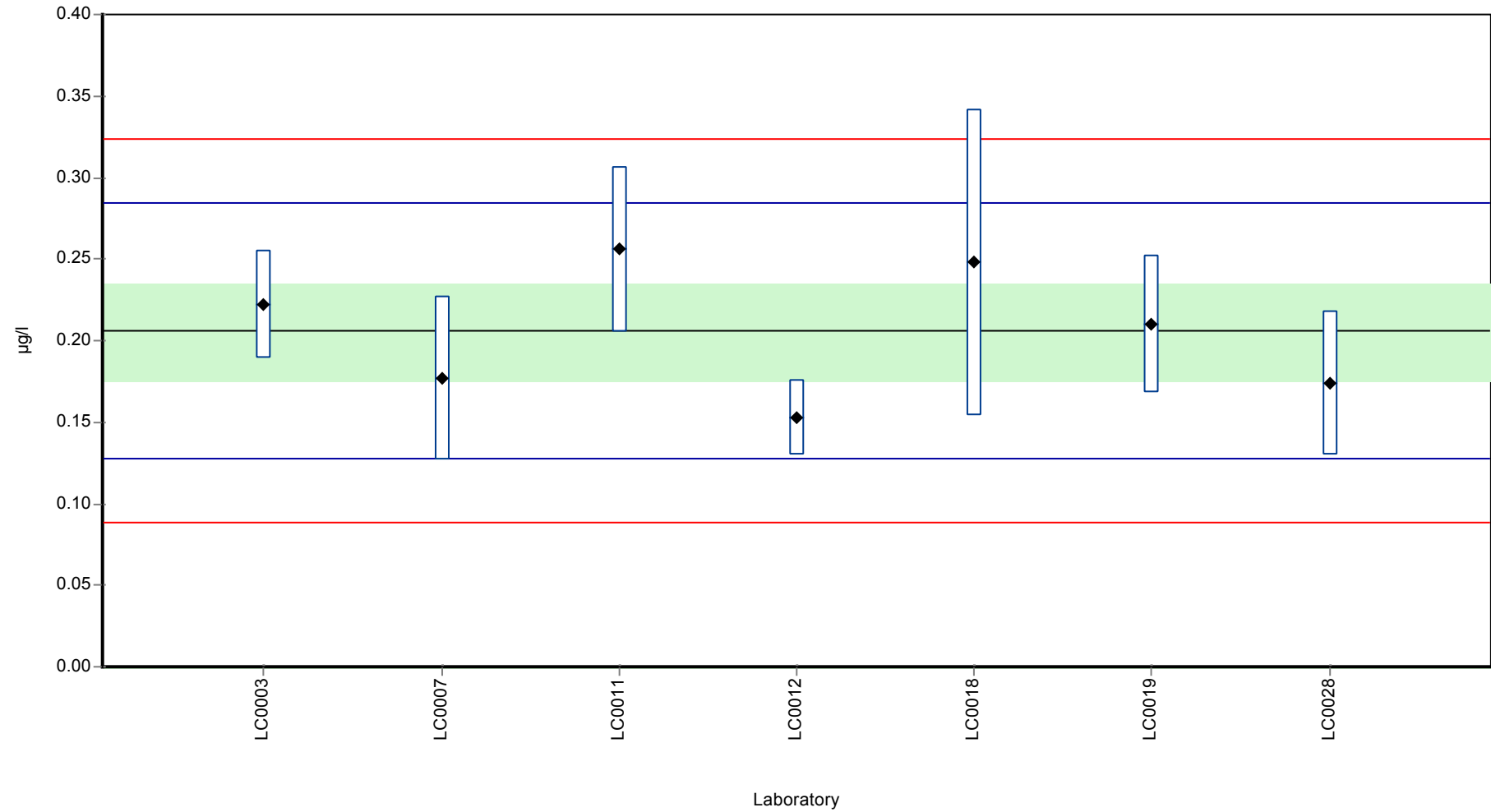
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.222	0.033	108	0.42	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	0.177	0.05	86	-0.73	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.256	0.051	124	1.28	
LC0012	0.153	0.02295	74.4	-1.35	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	0.248	0.094	121	1.08	
LC0019	0.21	0.042	102	0.11	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	-	-	-	-	
LC0028	0.174	0.044	84.6	-0.81	
LC0029	-	-	-	-	
LC0030	-	-	-	-	
LC0031	-	-	-	-	
LC0032	-	-	-	-	

**Characteristics of parameter**

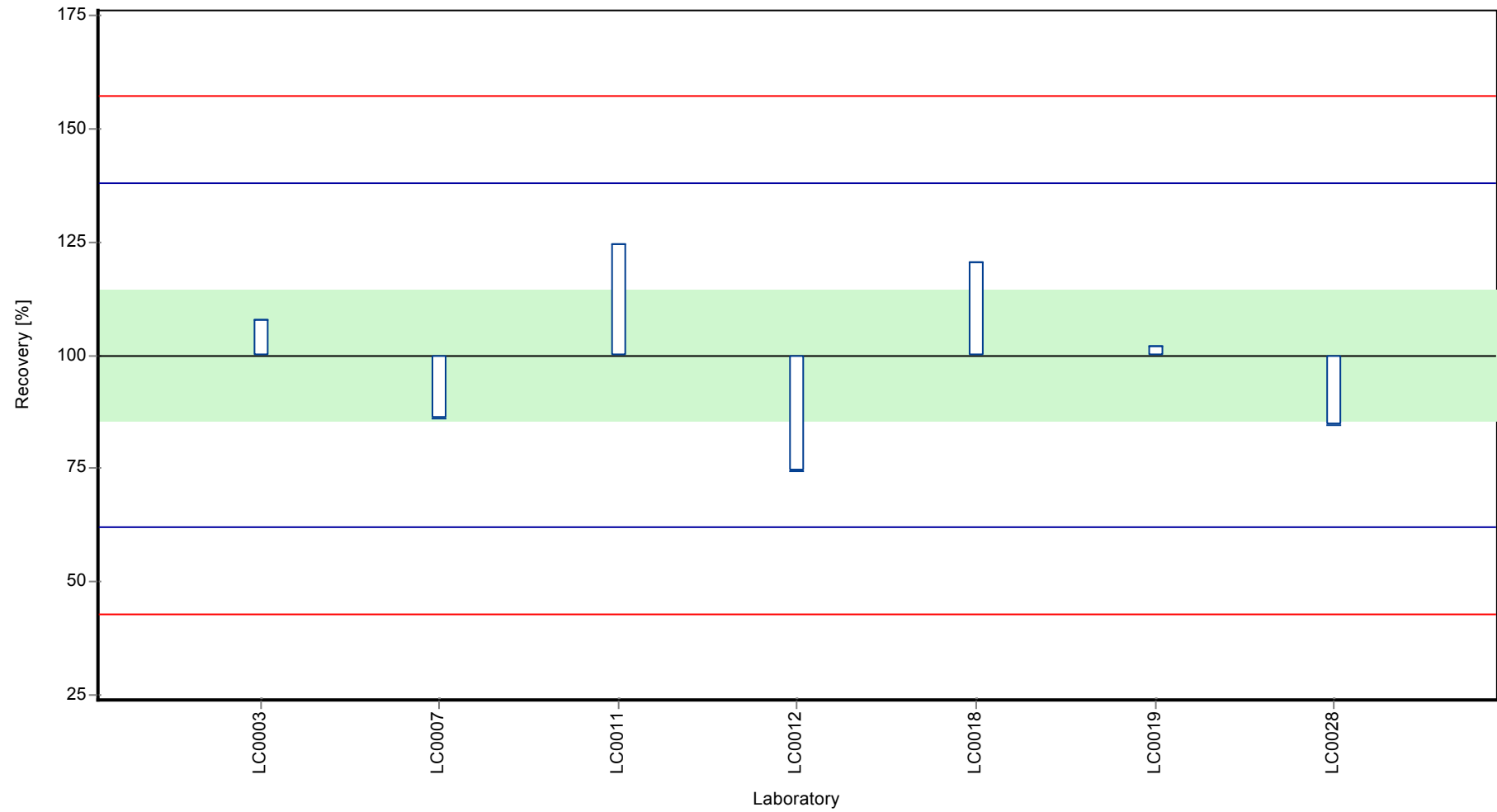
	all results	without outliers	Unit
Mean ± CI (99%)	0.206 ± 0.0444	0.206 ± 0.0444	µg/l
Minimum	0.153	0.153	µg/l
Maximum	0.256	0.256	µg/l
Standard deviation	0.0392	0.0392	µg/l
rel. Standard deviation	19	19	%
n	7	7	-

Graphical presentation of results

Results

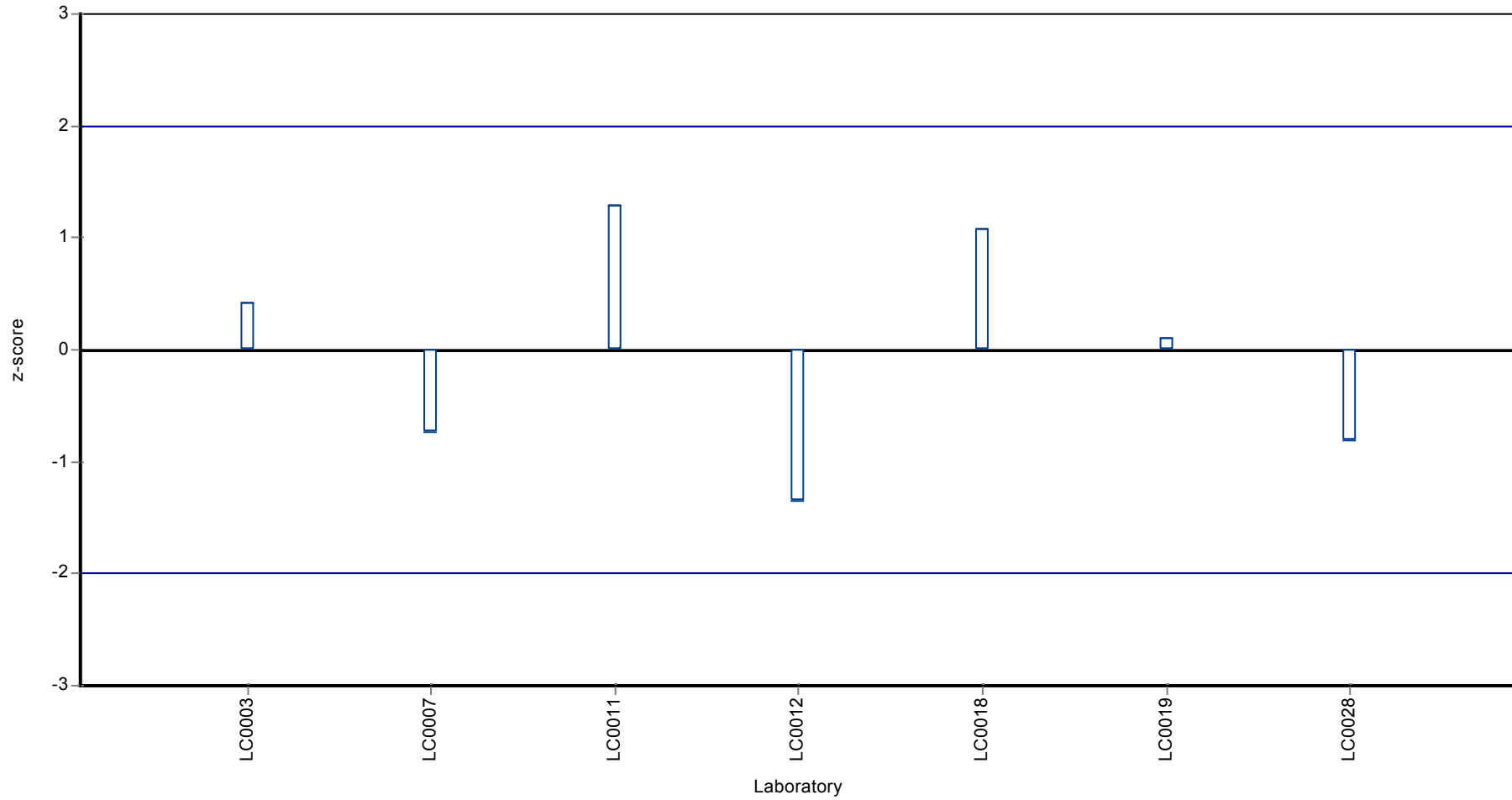


Recovery rate





Z-score



## Parameter oriented report

### H98 A

### AMPA

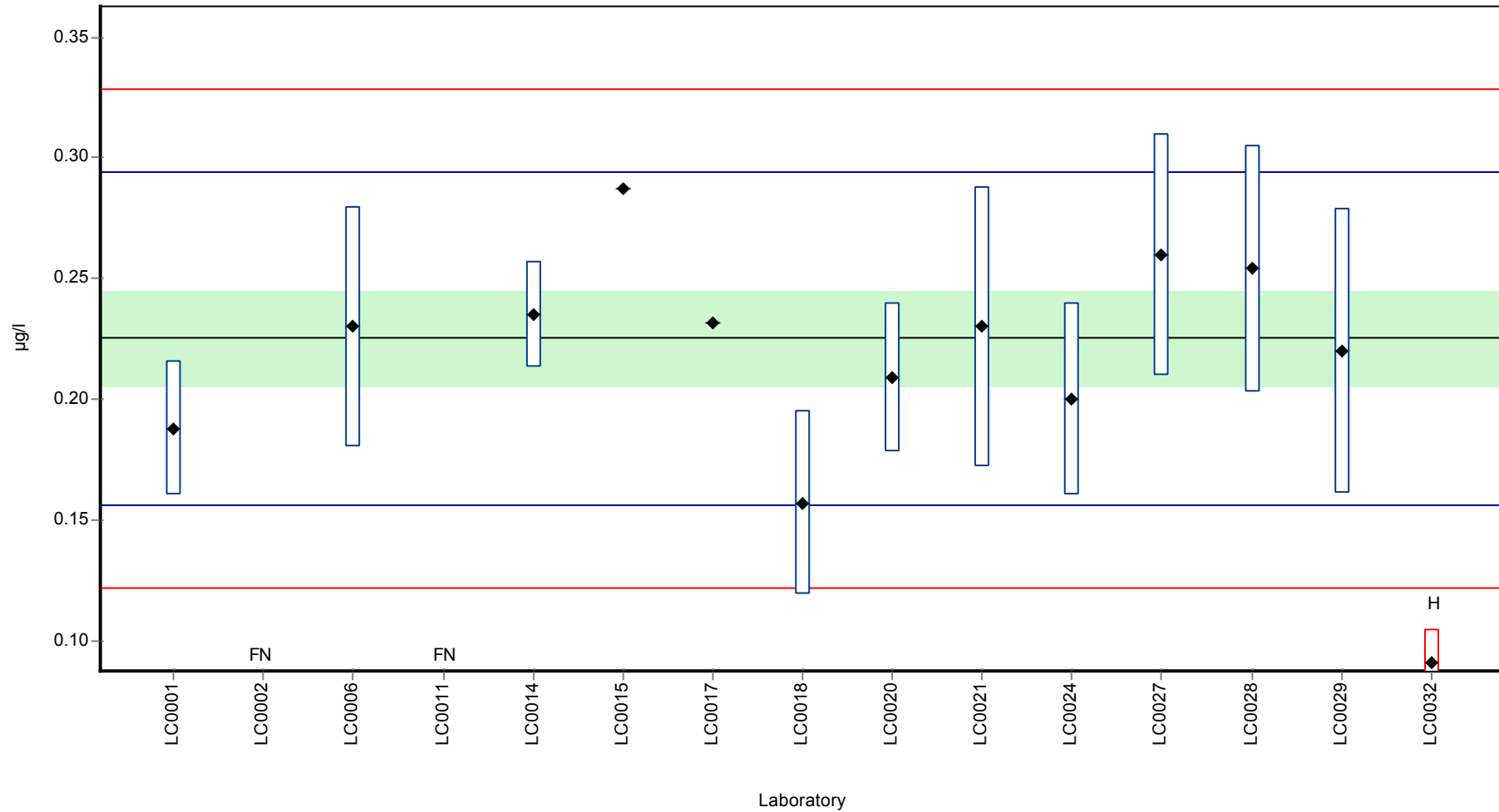
Unit	µg/l
Mean ± CI (99%)	0.225 ± 0.0298
Minimum - Maximum	0.157 - 0.287
Control test value ± U	0.197 ± 0.0169

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.188	0.028	83.5	-1.08	
LC0002	< 0.01 (LOQ)	-	-	-	FN
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	0.23	0.05	102	0.14	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	< 0.05 (LOQ)	-	-	-	FN
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	0.235	0.022	104	0.29	
LC0015	0.287	-	127	1.8	
LC0016	-	-	-	-	
LC0017	0.232	-	103	0.2	
LC0018	0.157	0.038	69.7	-1.98	
LC0019	-	-	-	-	
LC0020	0.209	0.031	92.8	-0.47	
LC0021	0.23	0.058	102	0.14	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	0.2	0.04	88.8	-0.73	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	0.26	0.05	115	1.01	
LC0028	0.254	0.051	113	0.84	
LC0029	0.22	0.059	97.7	-0.15	
LC0030	-	-	-	-	
LC0031	-	-	-	-	
LC0032	0.091	0.014	40.4	-3.9	H

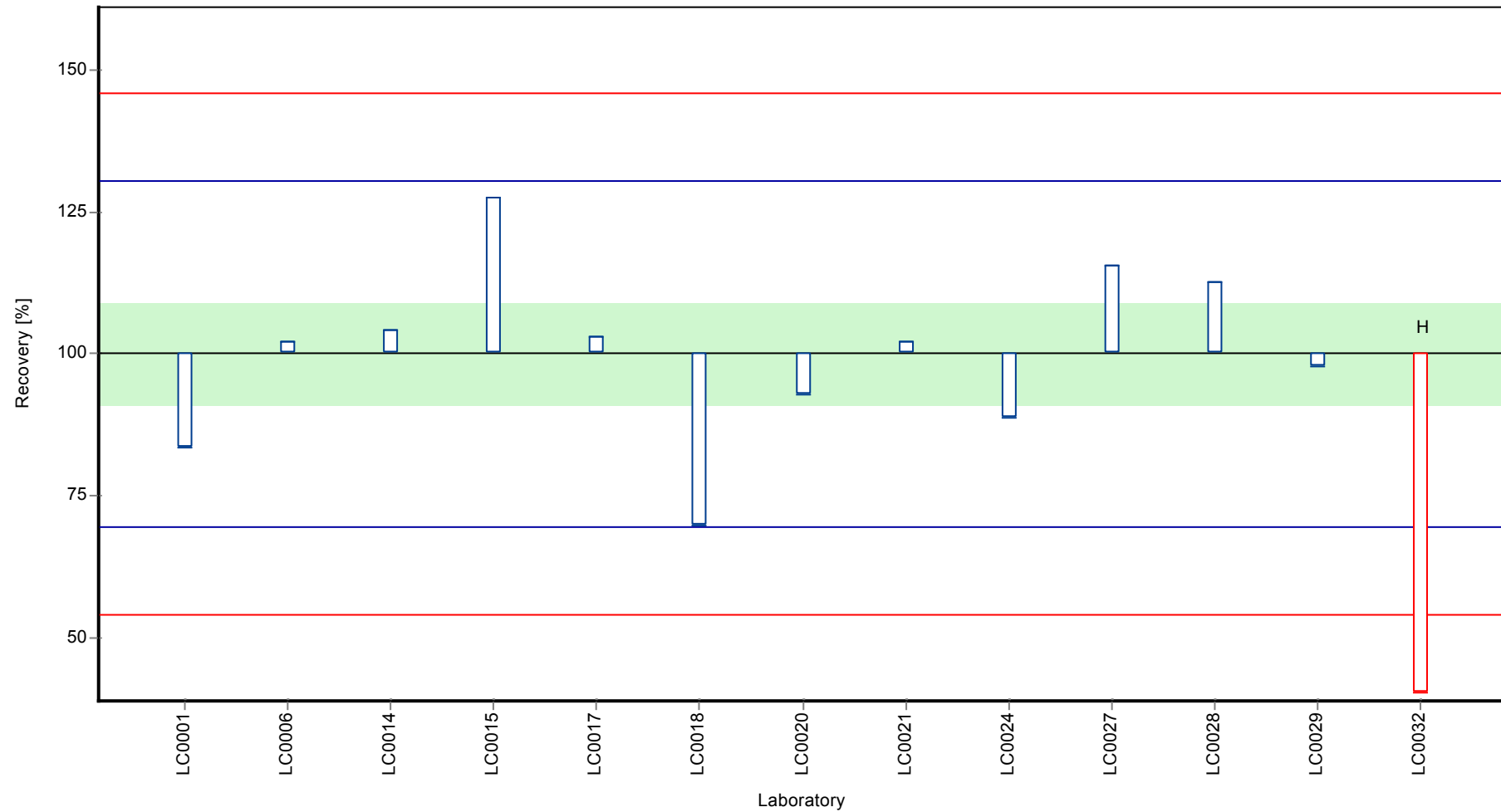
**Characteristics of parameter**

	all results	without outliers	Unit
Mean ± CI (99%)	0.215 ± 0.0413	0.225 ± 0.0298	µg/l
Minimum	0.091	0.157	µg/l
Maximum	0.287	0.287	µg/l
Standard deviation	0.0497	0.0344	µg/l
rel. Standard deviation	23.1	15.3	%
n	13	12	-

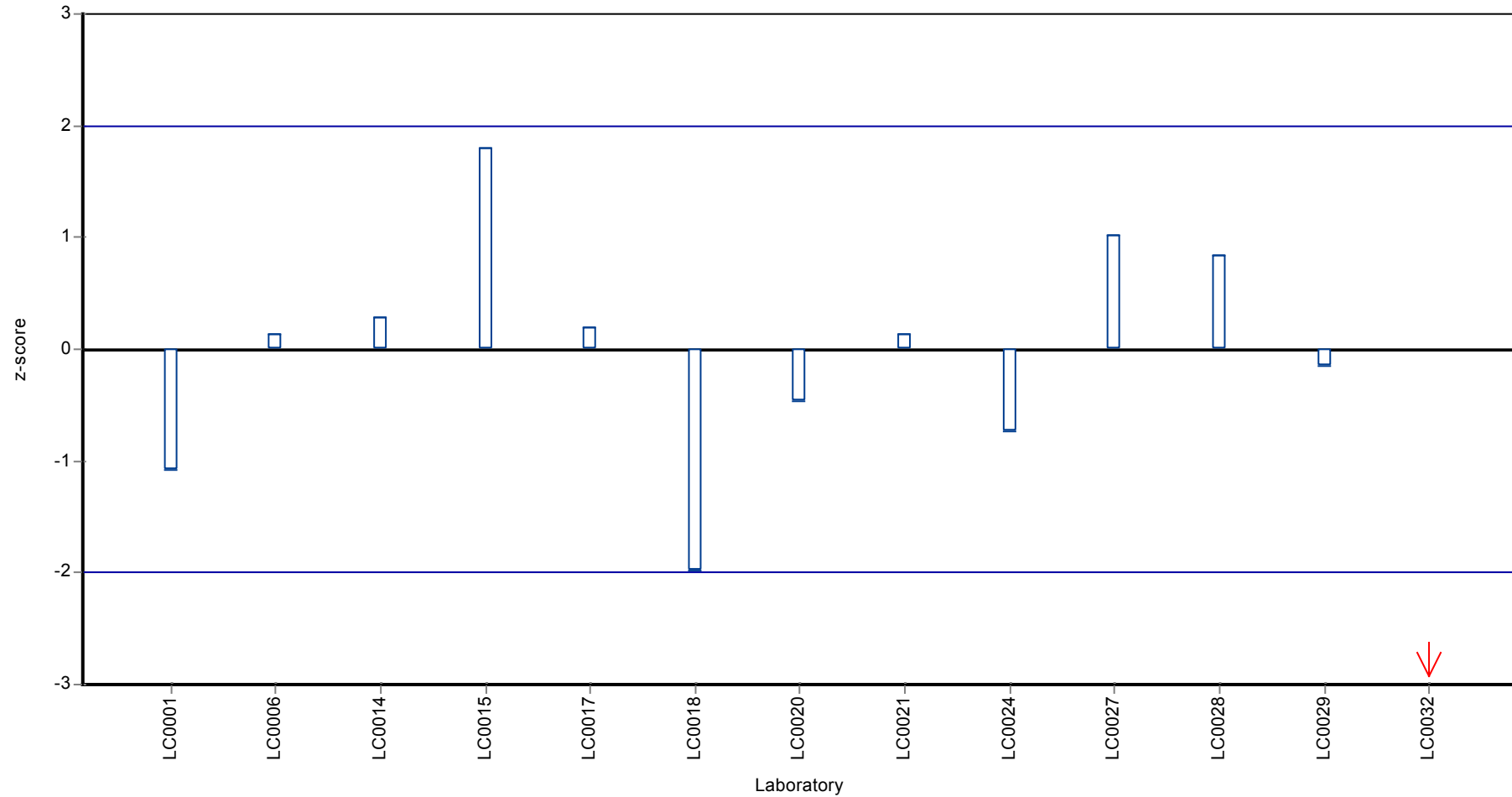
**Graphical presentation of results**  
**Results**



Recovery rate



Z-score



## Parameter oriented report

### H98 B

### AMPA

Unit	µg/l
Mean ± CI (99%)	0.687 ± 0.0641
Minimum - Maximum	0.54 - 0.791
Control test value ± U	0.581 ± 0.0634

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.661	0.083	96.3	-0.32	
LC0002	0.556	0.278	81	-1.63	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	0.73	0.15	106	0.54	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.775	0.194	113	1.11	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	0.694	0.101	101	0.09	
LC0015	0.717	-	104	0.38	
LC0016	-	-	-	-	
LC0017	0.791	-	115	1.31	
LC0018	0.54	0.13	78.7	-1.83	
LC0019	-	-	-	-	
LC0020	0.657	0.099	95.7	-0.37	
LC0021	0.74	0.185	108	0.67	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	0.685	0.137	99.8	-0.02	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	0.58	0.12	84.5	-1.33	
LC0028	0.765	0.153	111	0.98	
LC0029	0.72	0.19	105	0.42	
LC0030	-	-	-	-	
LC0031	-	-	-	-	
LC0032	0.993	0.149	145	3.83	H

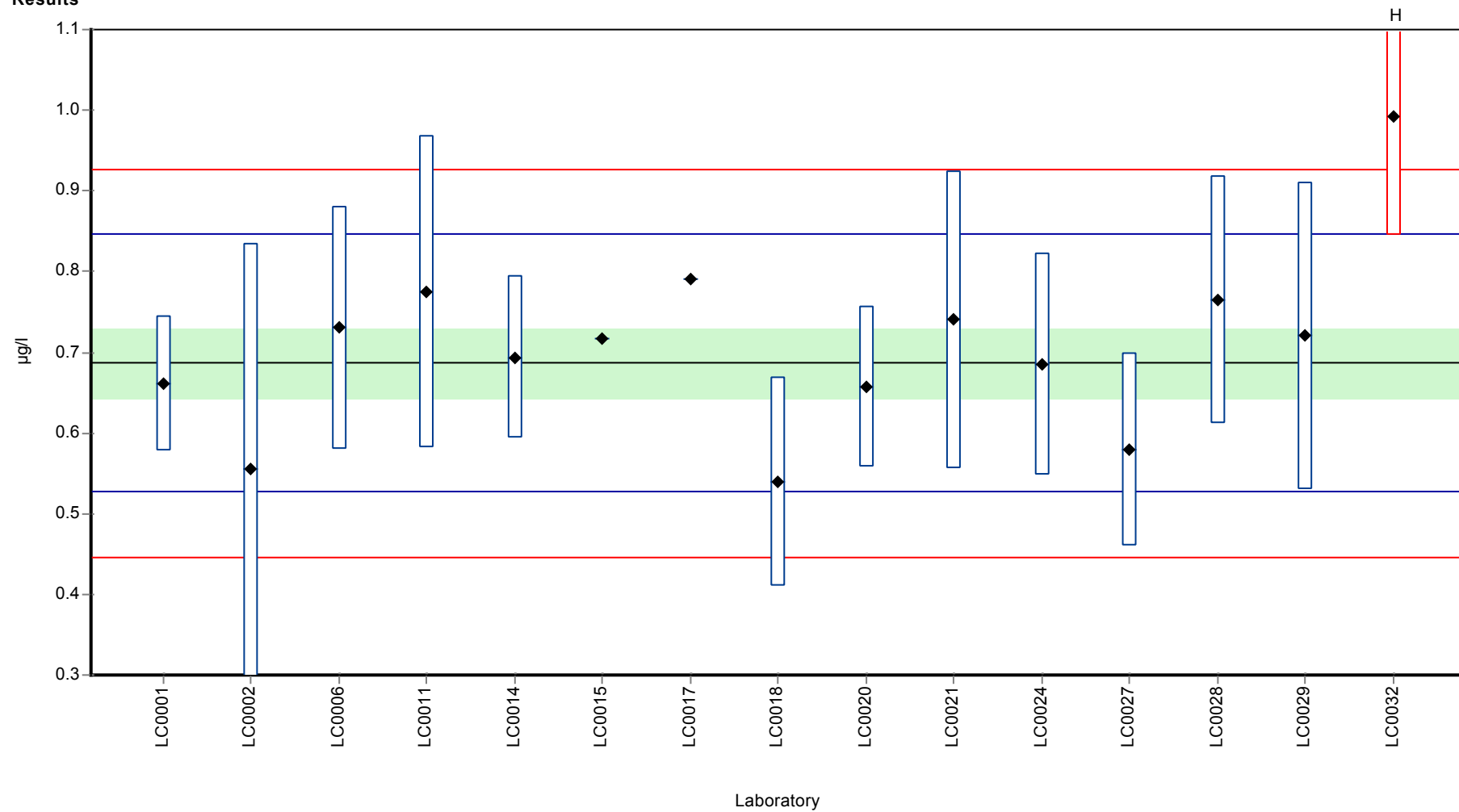
**Characteristics of parameter**

	all results	without outliers	Unit
Mean ± CI (99%)	0.707 ± 0.0856	0.687 ± 0.0641	µg/l
Minimum	0.54	0.54	µg/l
Maximum	0.993	0.791	µg/l
Standard deviation	0.11	0.08	µg/l
rel. Standard deviation	15.6	11.6	%
n	15	14	-

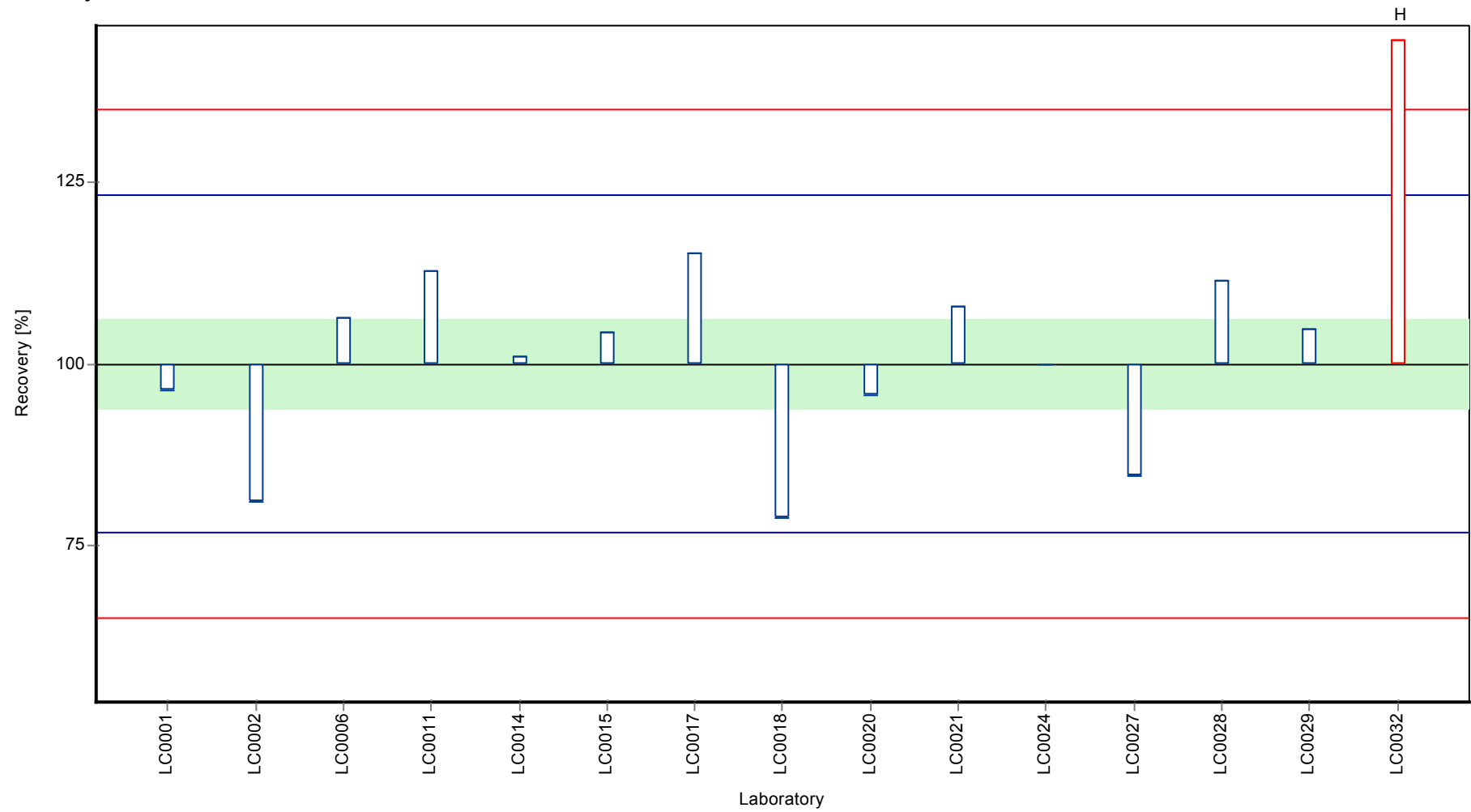


Graphical presentation of results

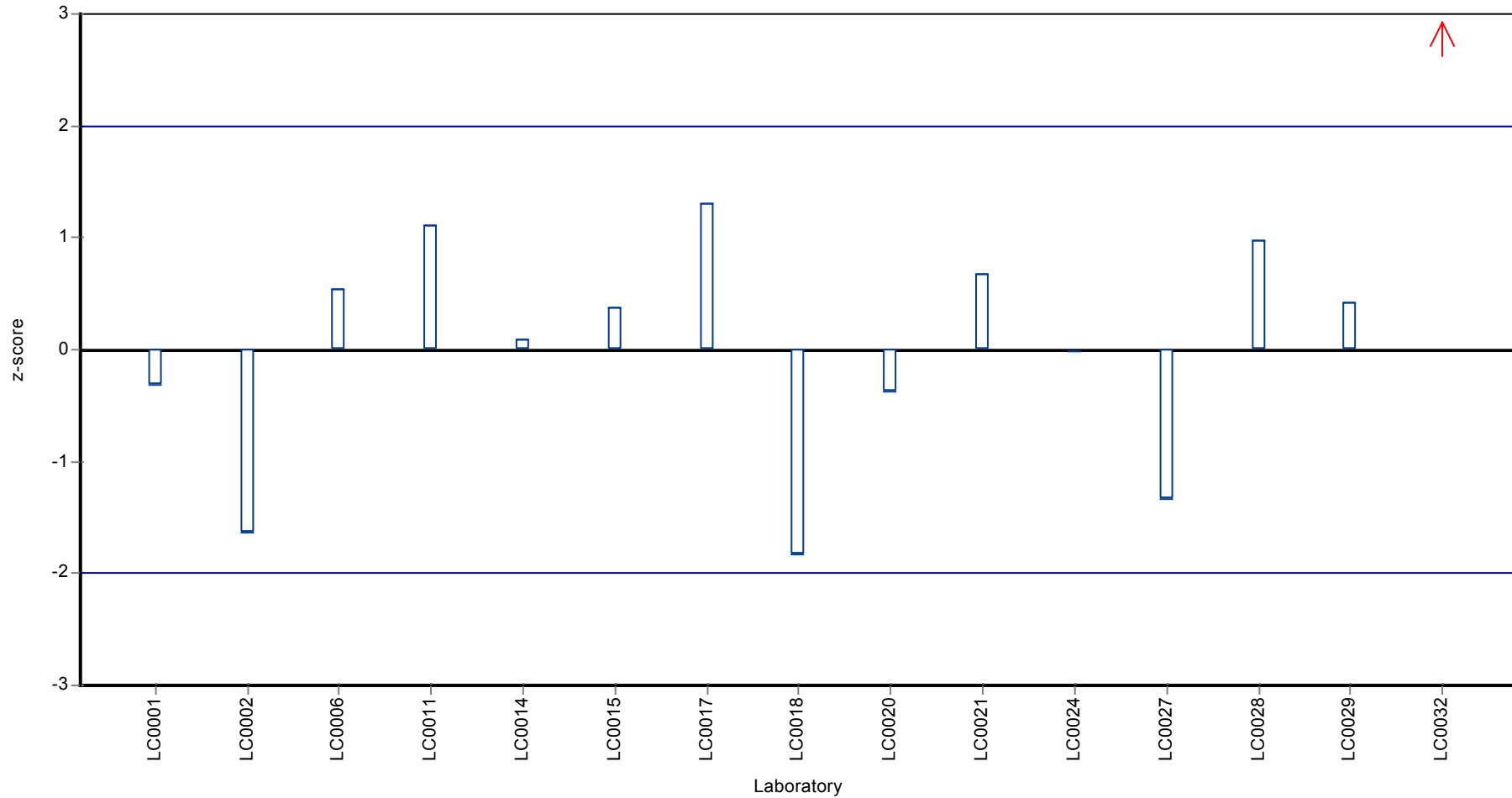
Results



Recovery rate



Z-score



## Parameter oriented report

### H98 A

#### Bentazone

Unit	µg/l
Mean ± CI (99%)	0.258 ± 0.0224
Minimum - Maximum	0.194 - 0.322
Control test value ± U	0.273 ± 0.014

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.322	0.04	125	1.96	
LC0002	< 0.01 (LOQ)	-	-	-	FN
LC0003	0.24	0.036	93	-0.56	
LC0004	0.283	-	110	0.76	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	0.229	0.07	88.7	-0.9	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.278	0.042	108	0.61	
LC0012	0.266	0.0399	103	0.24	
LC0013	0.251	-	97.2	-0.22	
LC0014	0.274	0.048	106	0.49	
LC0015	-	-	-	-	
LC0016	0.15	0.04	58.1	-3.33	H
LC0017	0.311	-	120	1.62	
LC0018	0.237	0.043	91.8	-0.65	
LC0019	0.219	0.044	84.8	-1.2	
LC0020	0.218	0.031	84.4	-1.23	
LC0021	0.27	0.068	105	0.36	
LC0022	0.298	0.045	115	1.23	
LC0023	-	-	-	-	
LC0024	0.405	0.122	157	4.52	H
LC0025	-	-	-	-	
LC0026	0.194	0.035	75.1	-1.97	
LC0027	0.257	0.09	99.6	-0.04	
LC0028	0.26	0.042	101	0.06	
LC0029	0.25	0.1	96.8	-0.25	
LC0030	1.16	-	449	27.7	H
LC0031	0.248	0.062	96.1	-0.31	
LC0032	-	-	-	-	

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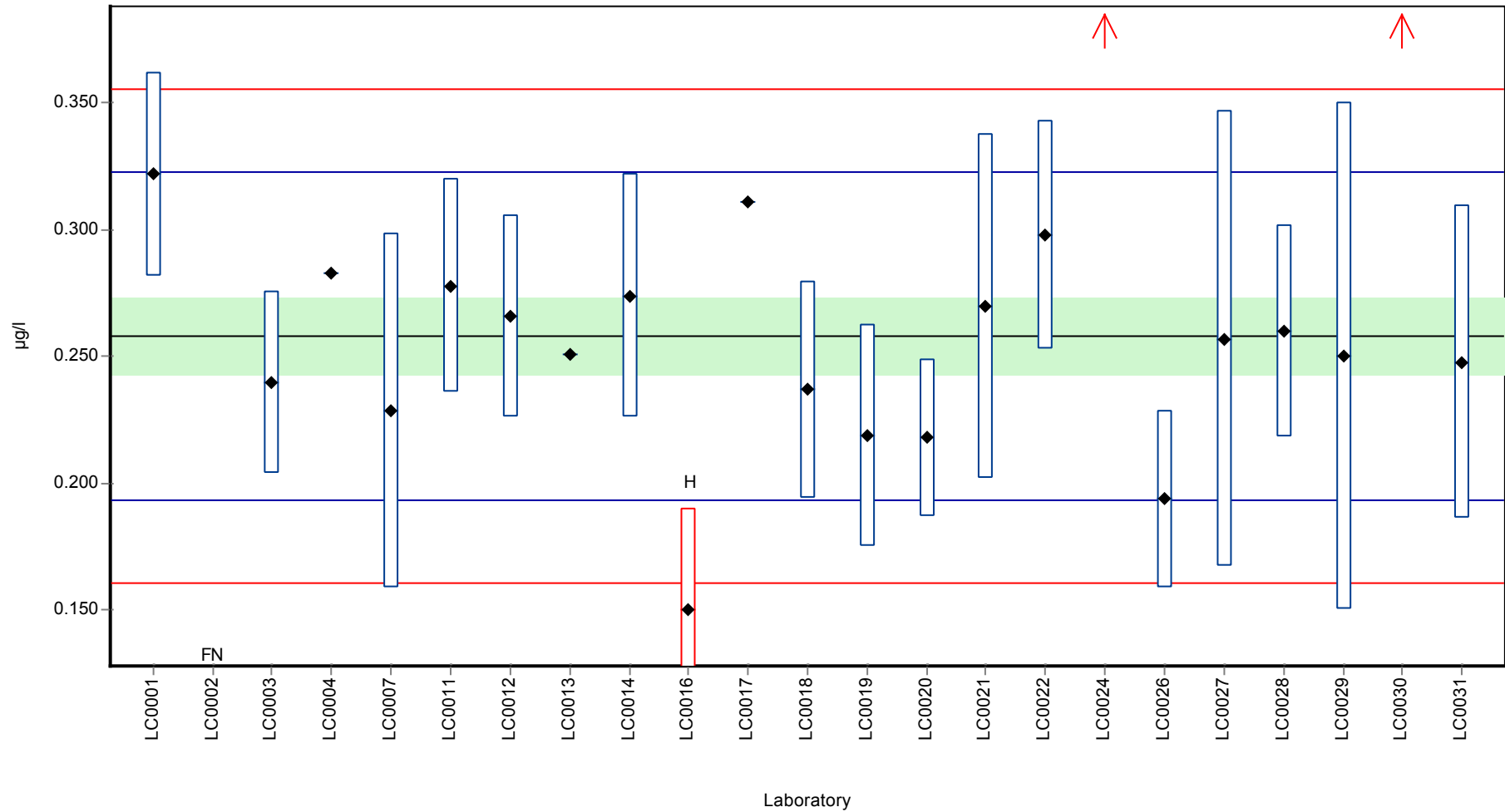
**Characteristics of parameter**

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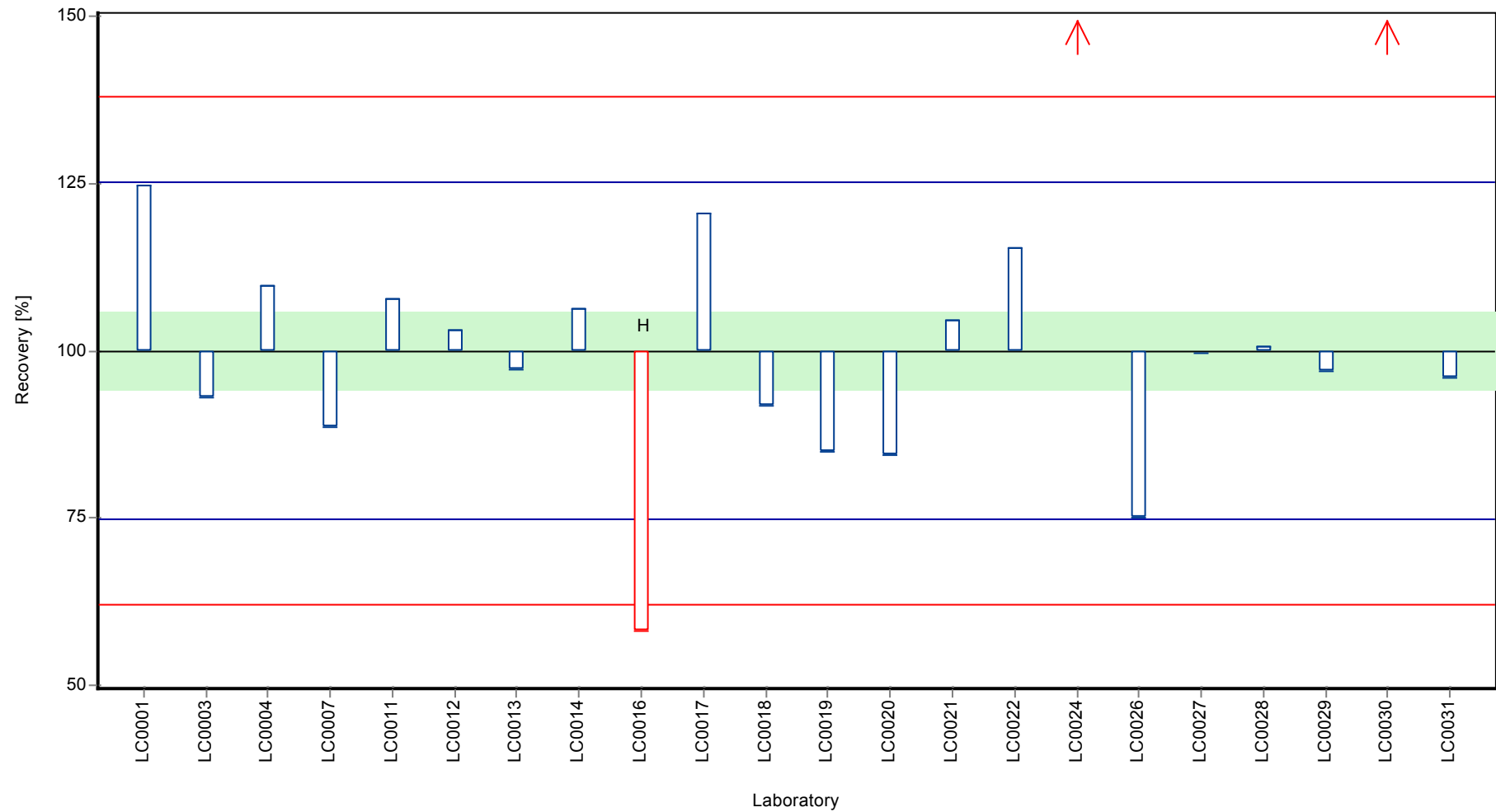
	all results	without outliers	Unit
Mean ± CI (99%)	0.301 ± 0.127	0.258 ± 0.0224	µg/l
Minimum	0.15	0.194	µg/l
Maximum	1.16	0.322	µg/l
Standard deviation	0.198	0.0325	µg/l
rel. Standard deviation	65.9	12.6	%
n	22	19	-

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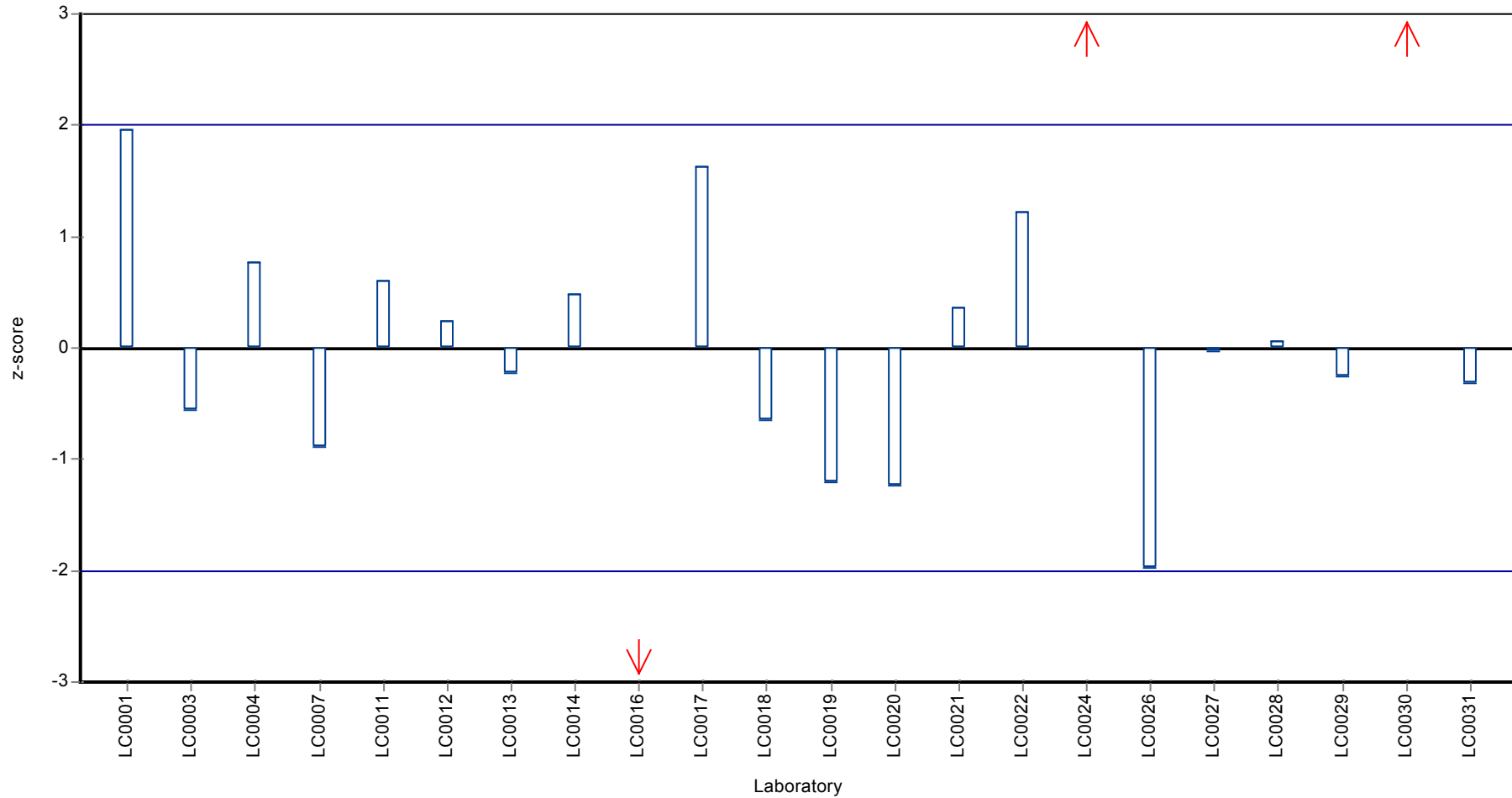
Graphical presentation of results  
Results



Recovery rate



Z-score





## Parameter oriented report

### H98 B

#### Bentazone

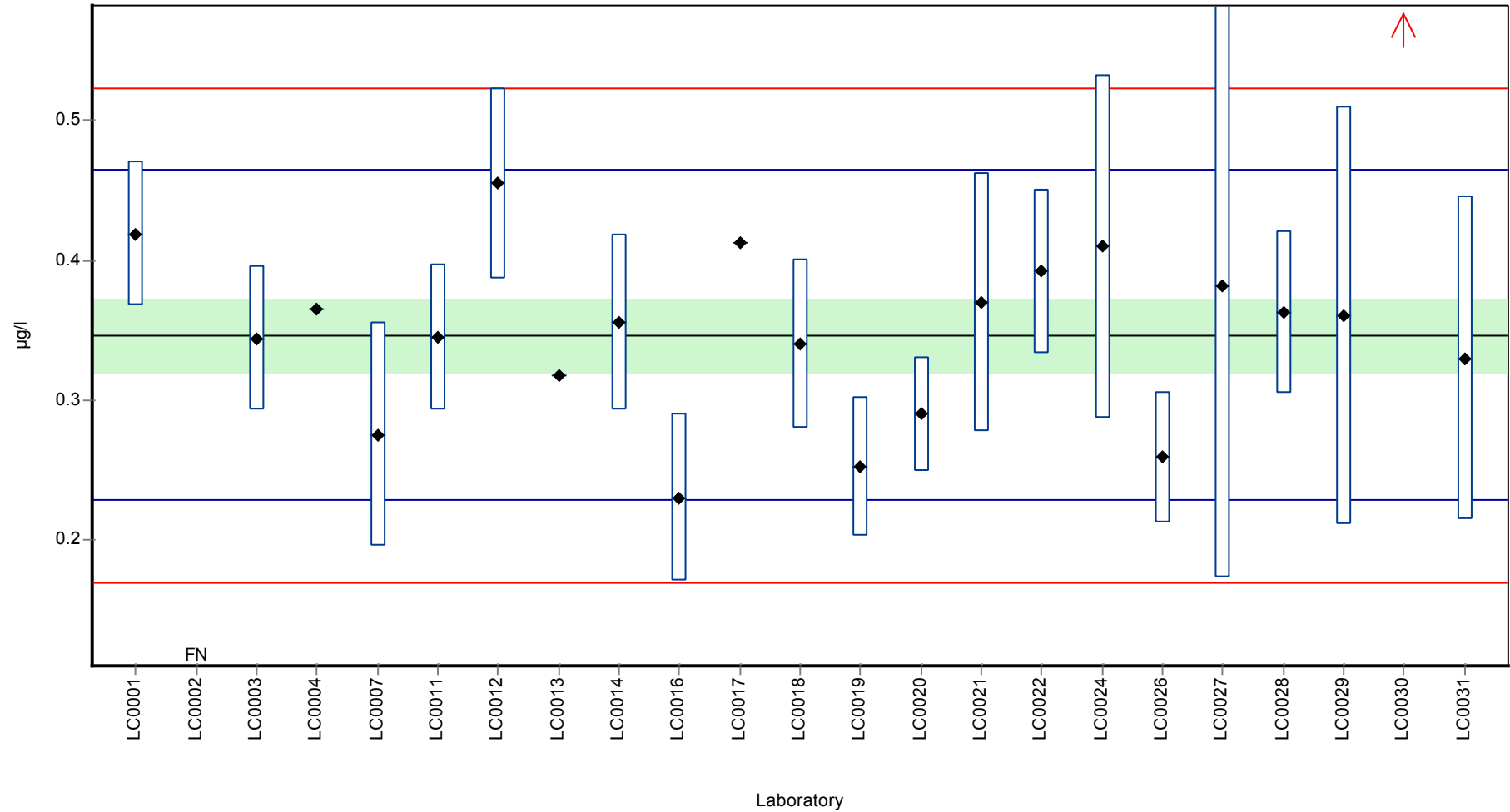
Unit	µg/l
Mean ± CI (99%)	0.346 ± 0.0387
Minimum - Maximum	0.23 - 0.455
Control test value ± U	0.362 ± 0.0122

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.419	0.052	121	1.23	
LC0002	< 0.01 (LOQ)	-	-	-	FN
LC0003	0.344	0.052	99.4	-0.03	
LC0004	0.365	-	105	0.32	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	0.275	0.08	79.5	-1.2	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.345	0.052	99.7	-0.02	
LC0012	0.455	0.06825	131	1.84	
LC0013	0.317	-	91.6	-0.49	
LC0014	0.356	0.063	103	0.17	
LC0015	-	-	-	-	
LC0016	0.23	0.06	66.5	-1.96	
LC0017	0.413	-	119	1.13	
LC0018	0.34	0.061	98.3	-0.1	
LC0019	0.252	0.05	72.8	-1.59	
LC0020	0.29	0.041	83.8	-0.95	
LC0021	0.37	0.093	107	0.41	
LC0022	0.392	0.059	113	0.78	
LC0023	-	-	-	-	
LC0024	0.41	0.123	118	1.08	
LC0025	-	-	-	-	
LC0026	0.259	0.047	74.8	-1.47	
LC0027	0.382	0.21	110	0.61	
LC0028	0.363	0.058	105	0.29	
LC0029	0.36	0.15	104	0.24	
LC0030	1.82	-	526	24.9	H
LC0031	0.33	0.116	95.4	-0.27	
LC0032	-	-	-	-	

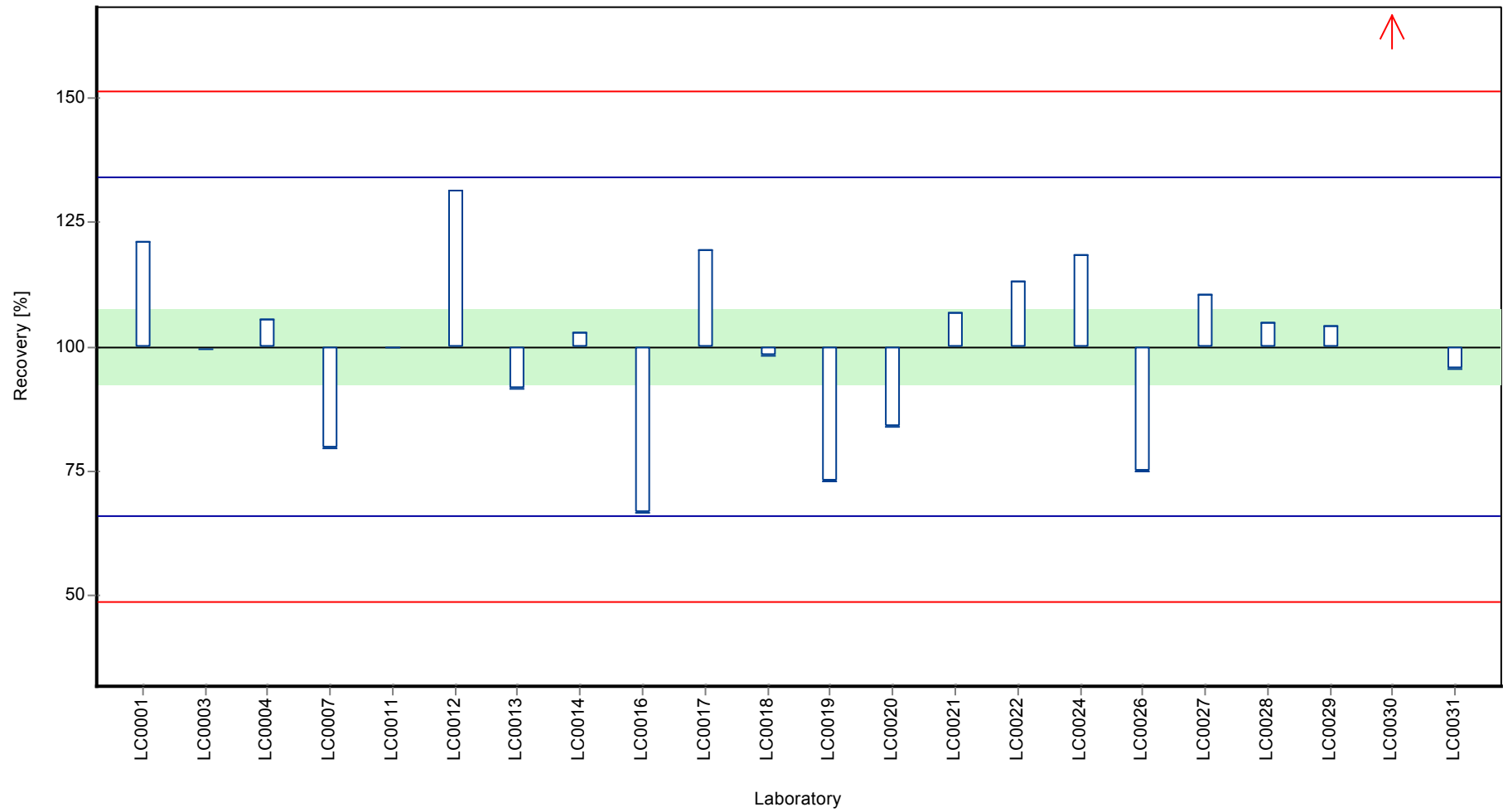
**Characteristics of parameter**

	all results	without outliers	Unit
Mean ± CI (99%)	0.413 ± 0.204	0.346 ± 0.0387	µg/l
Minimum	0.23	0.23	µg/l
Maximum	1.82	0.455	µg/l
Standard deviation	0.32	0.0591	µg/l
rel. Standard deviation	77.4	17.1	%
n	22	21	-

Graphical presentation of results  
Results



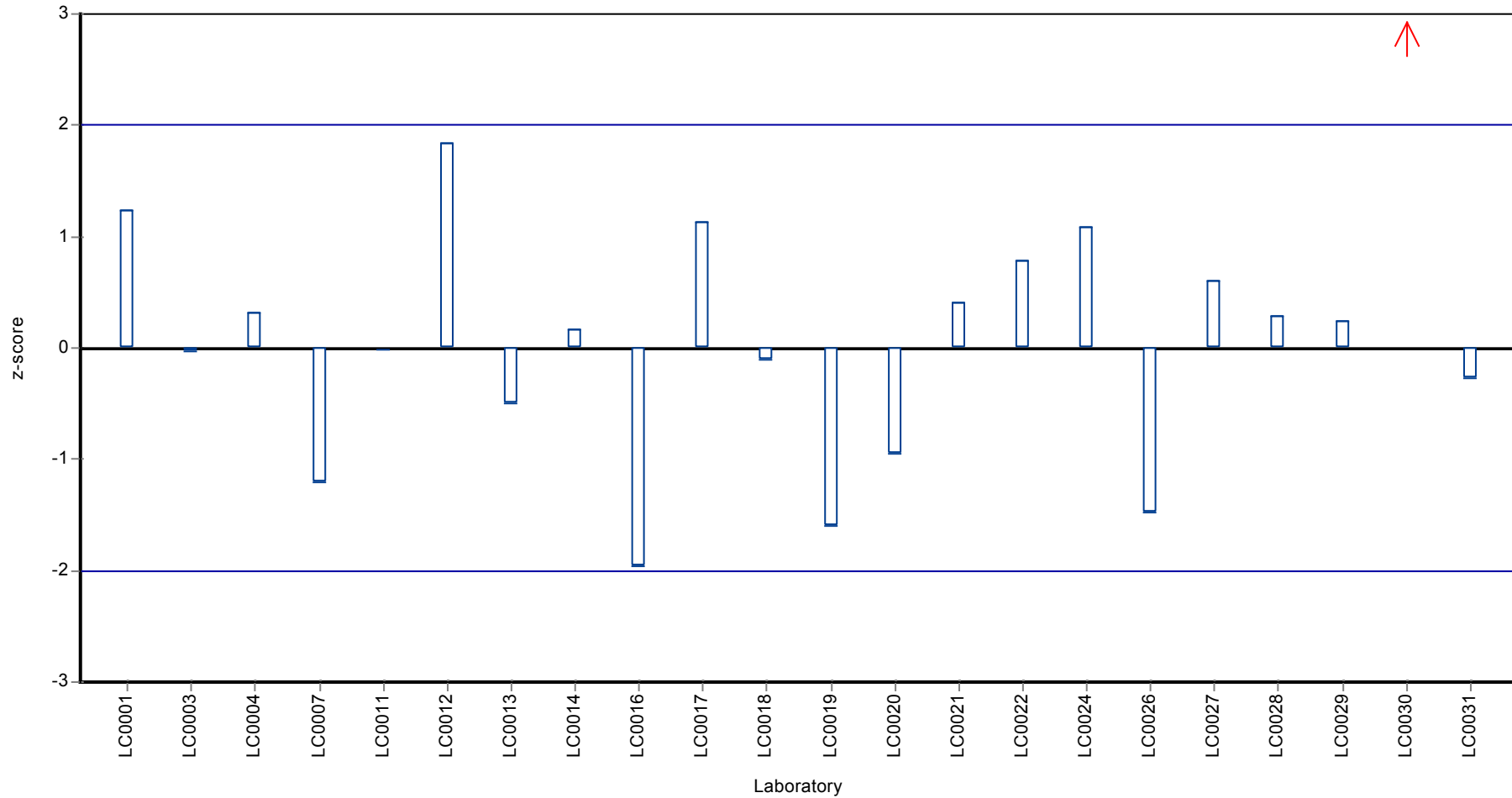
Recovery rate



Parameter oriented report Pesticides H98

Sample: H98B, Parameter: Bentazone

Z-score



## Parameter oriented report

### H98 A

#### Dichlorprop

Unit	µg/l
Mean ± CI (99%)	0.177 ± 0.0147
Minimum - Maximum	0.148 - 0.212
Control test value ± U	0.177 ± 0.0186

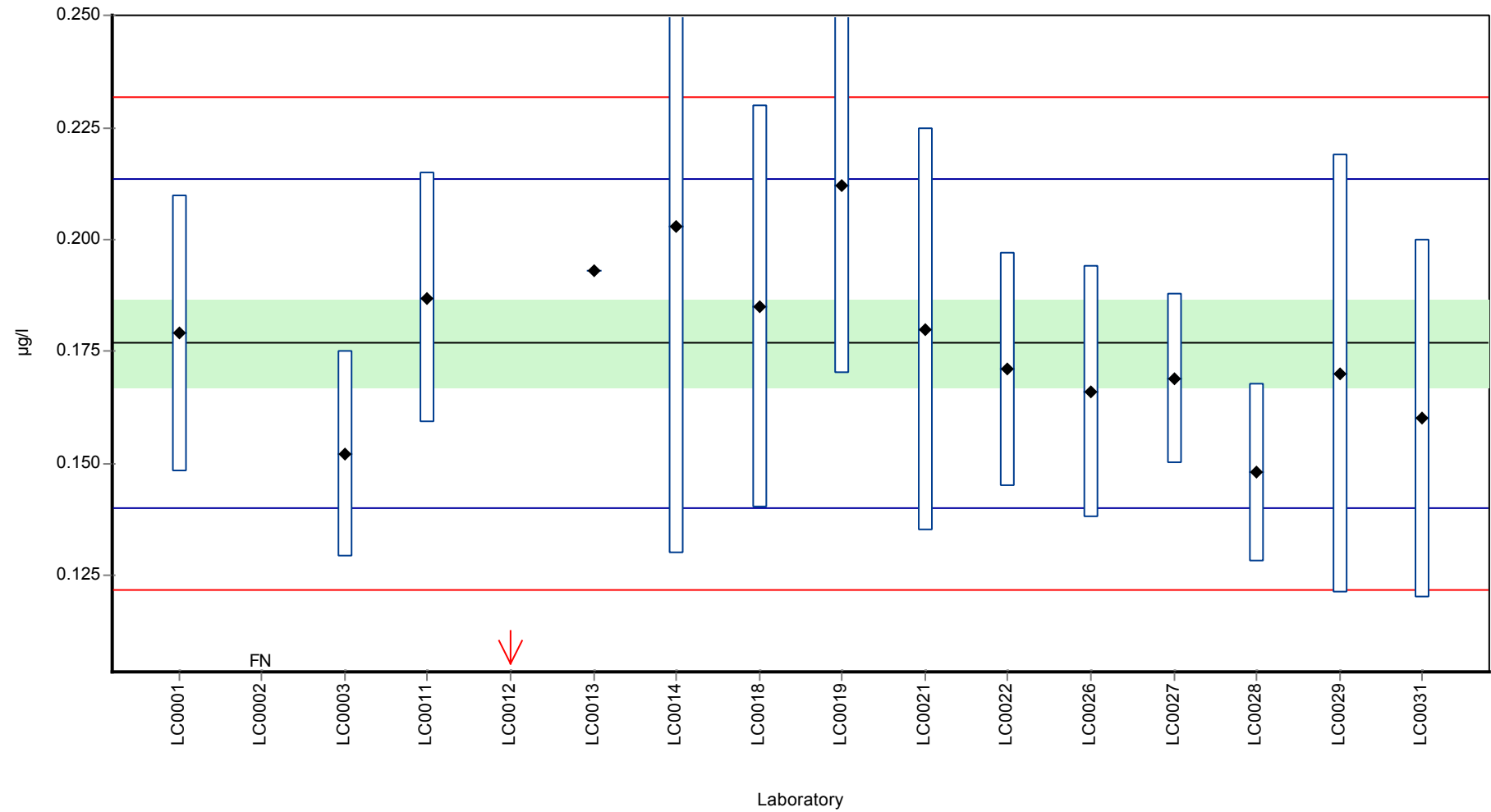
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.179	0.031	101	0.12	
LC0002	< 0.01 (LOQ)	-	-	-	FN
LC0003	0.152	0.023	86	-1.35	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.187	0.028	106	0.56	
LC0012	0.1	0.015	56.6	-4.19	H
LC0013	0.193	-	109	0.89	
LC0014	0.203	0.073	115	1.43	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	0.185	0.045	105	0.45	
LC0019	0.212	0.042	120	1.92	
LC0020	-	-	-	-	
LC0021	0.18	0.045	102	0.18	
LC0022	0.171	0.026	96.7	-0.32	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	0.166	0.028	93.9	-0.59	
LC0027	0.169	0.019	95.6	-0.42	
LC0028	0.148	0.02	83.7	-1.57	
LC0029	0.17	0.049	96.2	-0.37	
LC0030	-	-	-	-	
LC0031	0.16	0.04	90.5	-0.92	
LC0032	-	-	-	-	

**Characteristics of parameter**

	all results	without outliers	Unit
Mean ± CI (99%)	0.172 ± 0.0206	0.177 ± 0.0147	µg/l
Minimum	0.1	0.148	µg/l
Maximum	0.212	0.212	µg/l
Standard deviation	0.0265	0.0183	µg/l
rel. Standard deviation	15.5	10.4	%
n	15	14	-

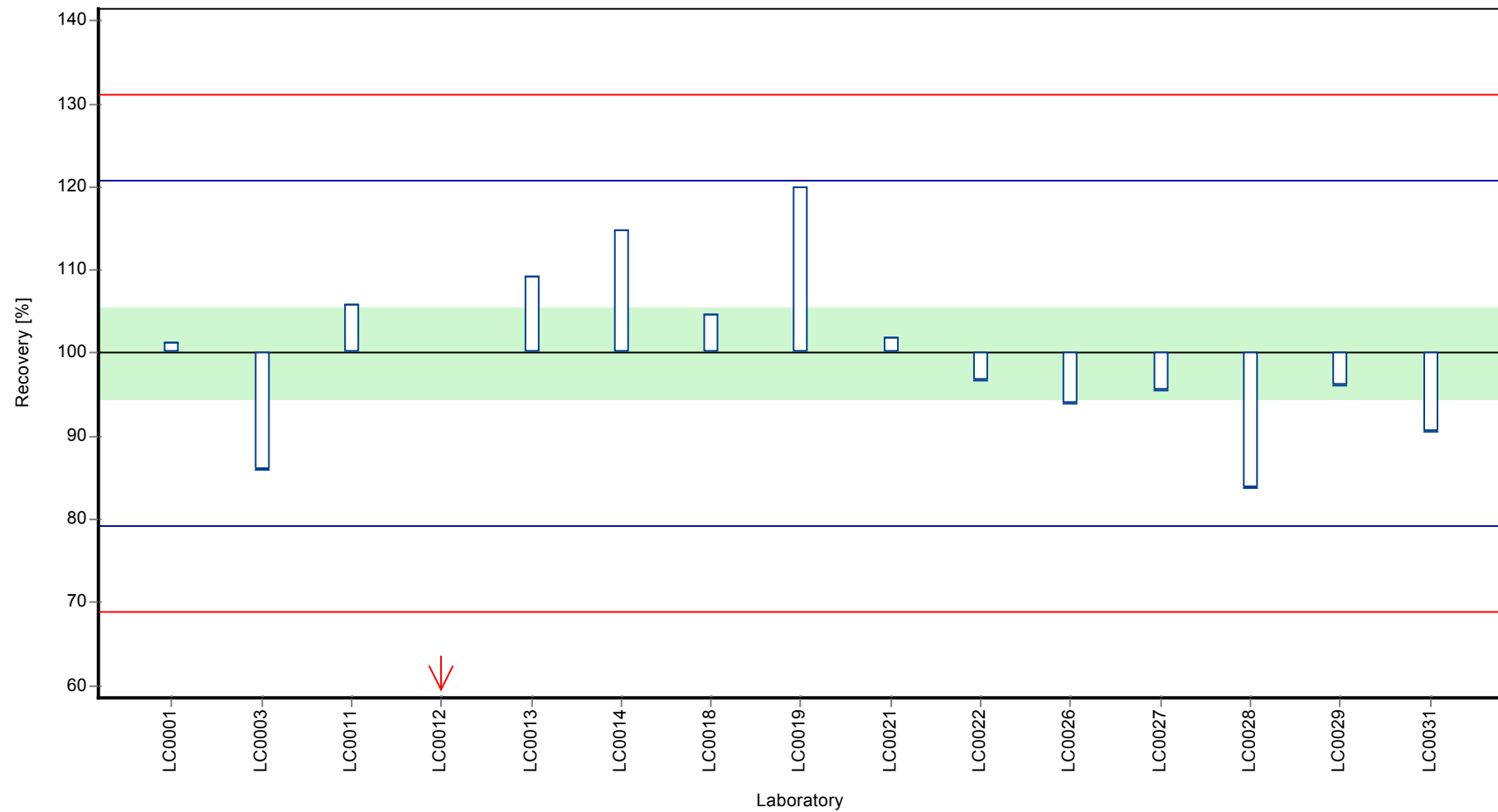
Graphical presentation of results

Results

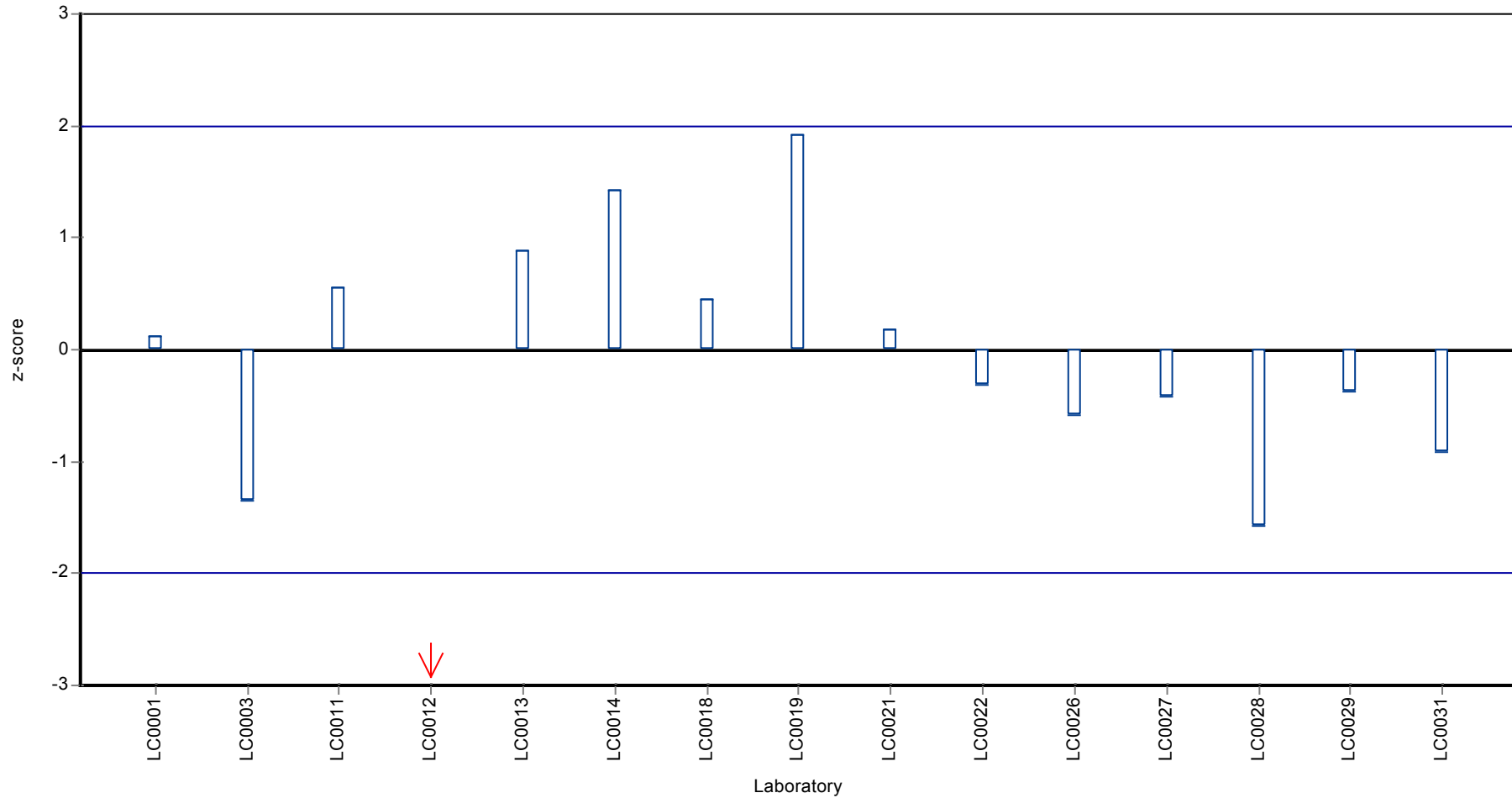




Recovery rate



Z-score



## Parameter oriented report

### H98 B

#### Dichlorprop

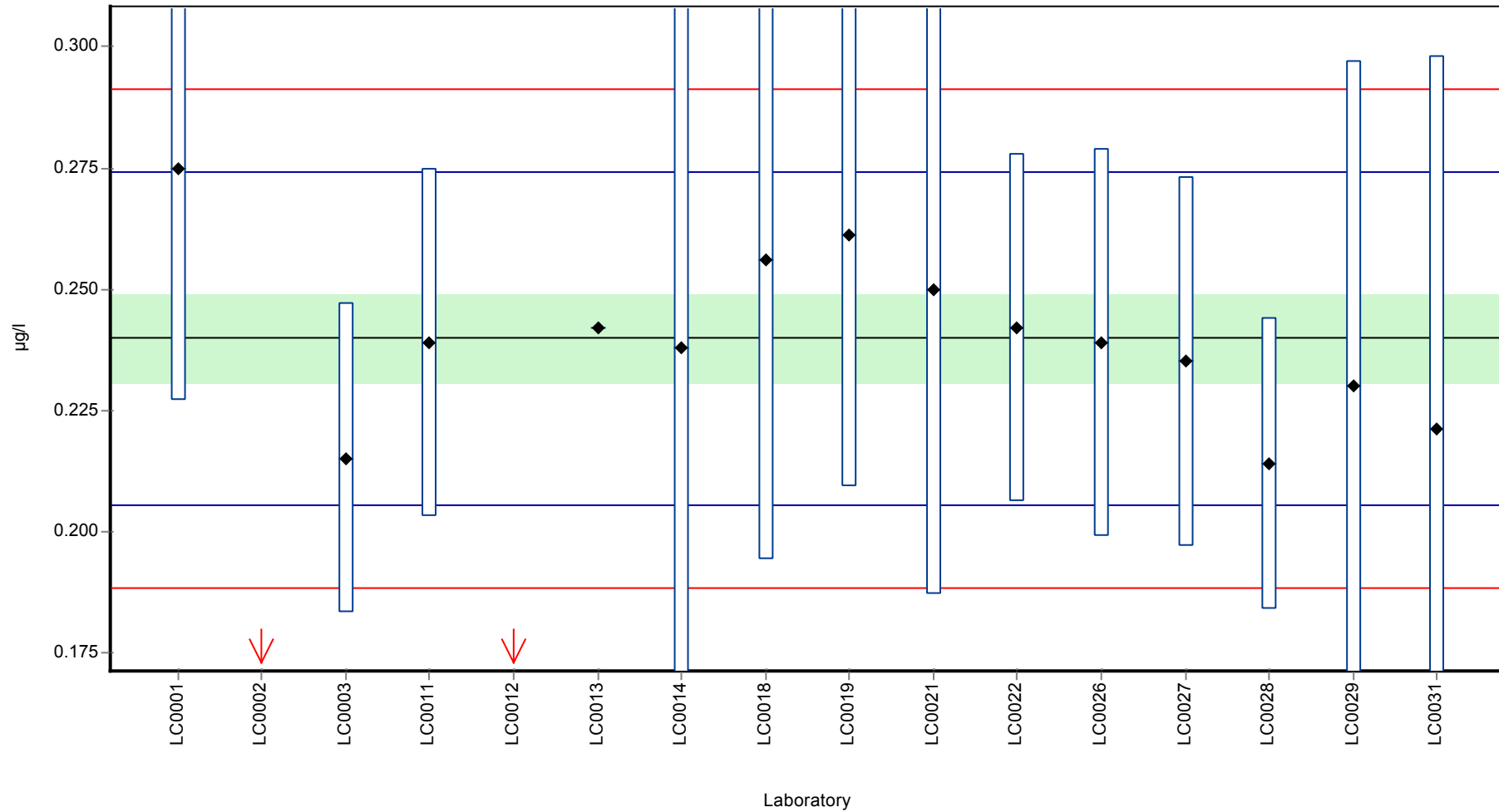
Unit	µg/l
Mean ± CI (99%)	0.24 ± 0.0137
Minimum - Maximum	0.214 - 0.275
Control test value ± U	0.232 ± 0.0166

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.275	0.048	115	2.05	
LC0002	0.033	0.017	13.8	-12.1	H
LC0003	0.215	0.032	89.7	-1.45	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.239	0.036	99.7	-0.05	
LC0012	0.135	0.02025	56.3	-6.11	H
LC0013	0.242	-	101	0.13	
LC0014	0.238	0.086	99.3	-0.1	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	0.256	0.062	107	0.95	
LC0019	0.261	0.052	109	1.24	
LC0020	-	-	-	-	
LC0021	0.25	0.063	104	0.6	
LC0022	0.242	0.036	101	0.13	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	0.239	0.04	99.7	-0.05	
LC0027	0.235	0.038	98	-0.28	
LC0028	0.214	0.03	89.2	-1.5	
LC0029	0.23	0.067	95.9	-0.57	
LC0030	-	-	-	-	
LC0031	0.221	0.077	92.2	-1.1	
LC0032	-	-	-	-	

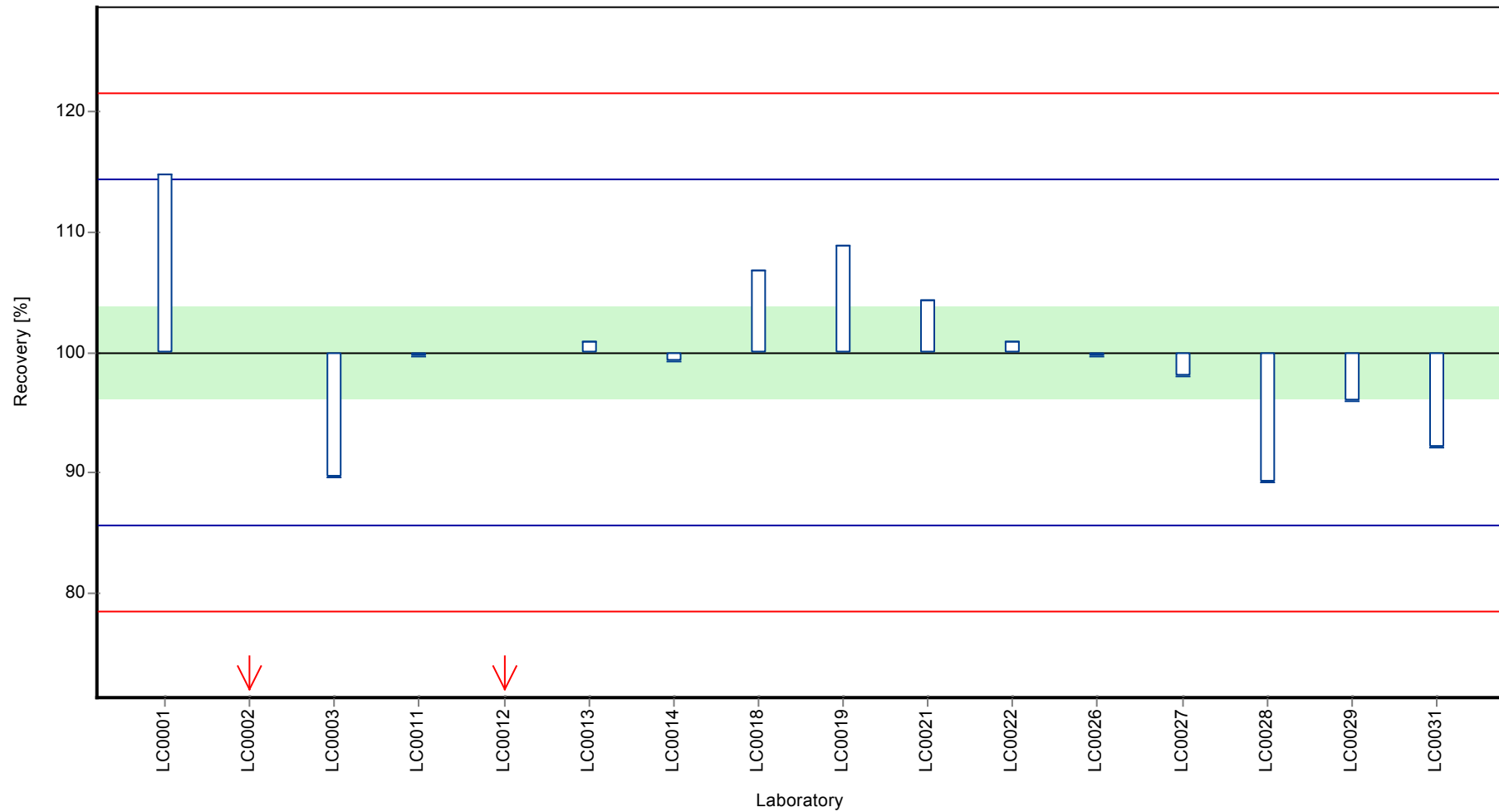
**Characteristics of parameter**

	all results	without outliers	Unit
Mean ± CI (99%)	0.22 ± 0.0439	0.24 ± 0.0137	µg/l
Minimum	0.033	0.214	µg/l
Maximum	0.275	0.275	µg/l
Standard deviation	0.0586	0.0171	µg/l
rel. Standard deviation	26.6	7.15	%
n	16	14	-

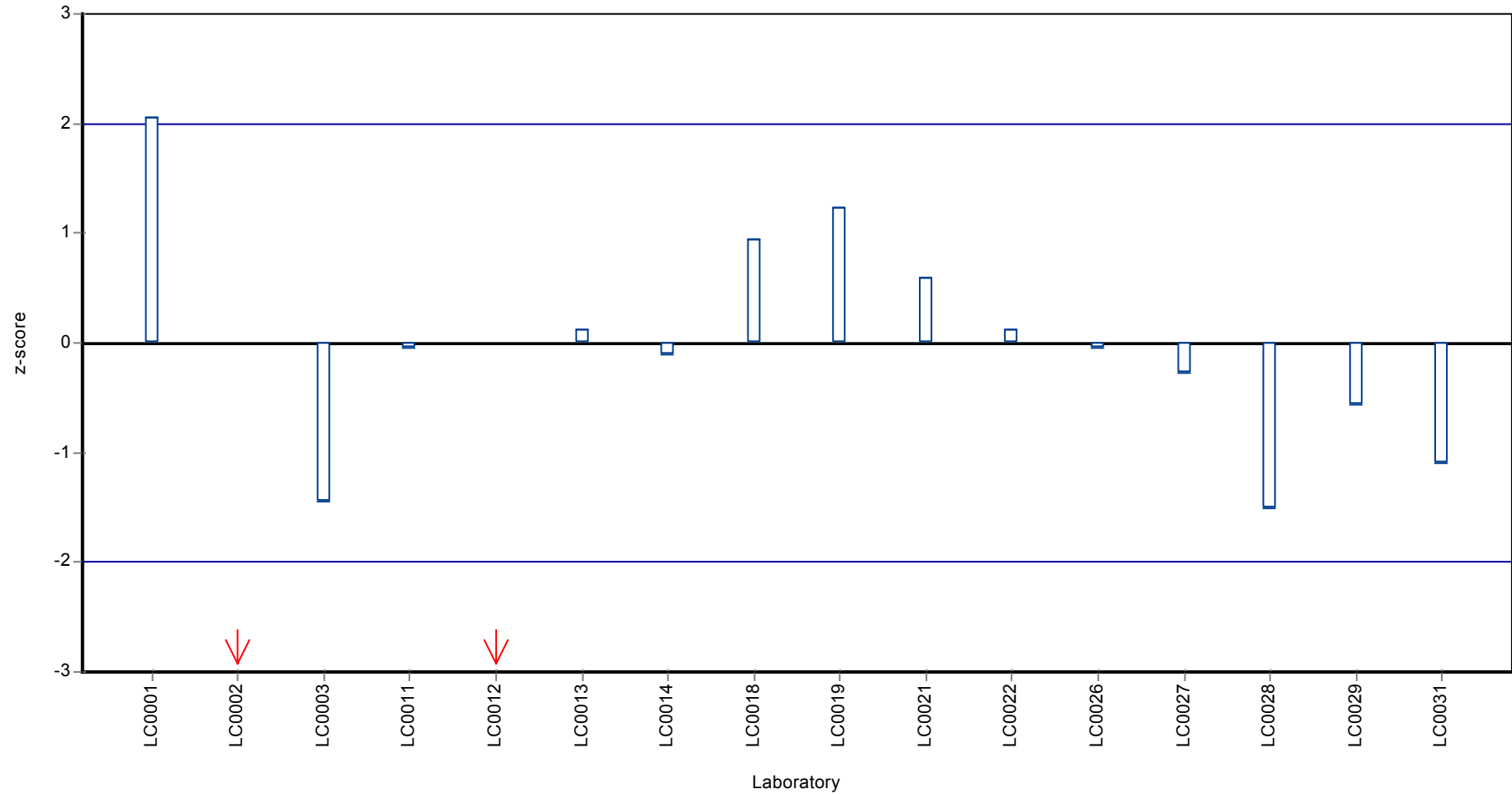
**Graphical presentation of results**  
**Results**



Recovery rate



Z-score



## Parameter oriented report

### H98 A

#### Dicamba

Unit	µg/l
Mean ± CI (99%)	0.328 ± 0.122
Minimum - Maximum	0.014 - 0.584
Control test value ± U	0.34 ± 0.0287

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.014	0.007	4.3	-2.23	
LC0003	0.262	0.04	79.9	-0.47	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	0.374	0.11	114	0.33	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.245	0.03675	74.7	-0.59	
LC0013	0.267	-	81.4	-0.43	
LC0014	< 0.5 (LOQ)	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.253	0.051	77.2	-0.53	
LC0020	-	-	-	-	
LC0021	0.46	0.115	140	0.94	
LC0022	0.331	0.05	101	0.02	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	0.584	0.188	178	1.82	
LC0027	-	-	-	-	
LC0028	0.322	0.084	98.2	-0.04	
LC0029	0.42	0.1	128	0.65	
LC0030	-	-	-	-	
LC0031	0.403	0.089	123	0.53	
LC0032	-	-	-	-	

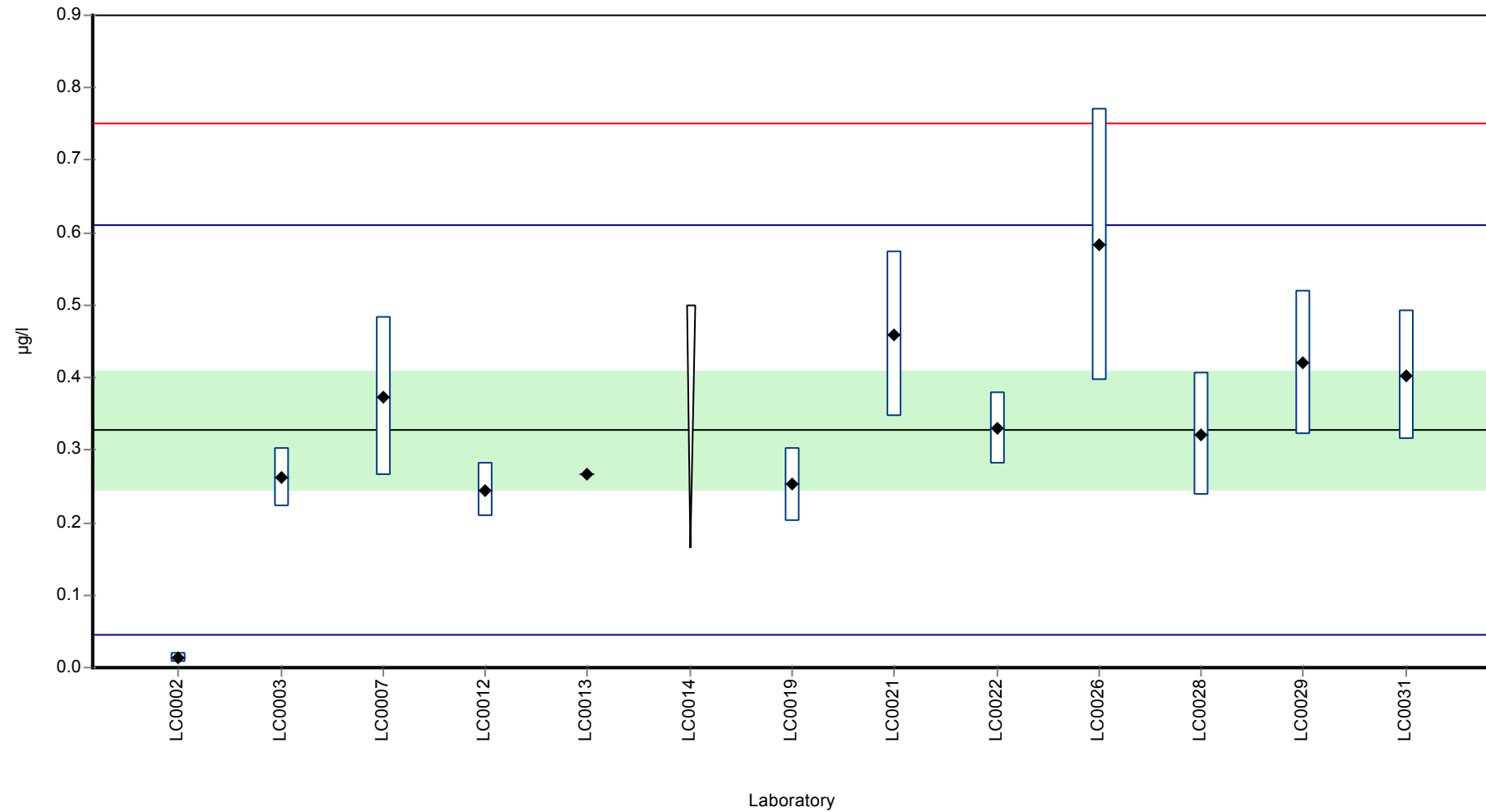


**Characteristics of parameter**

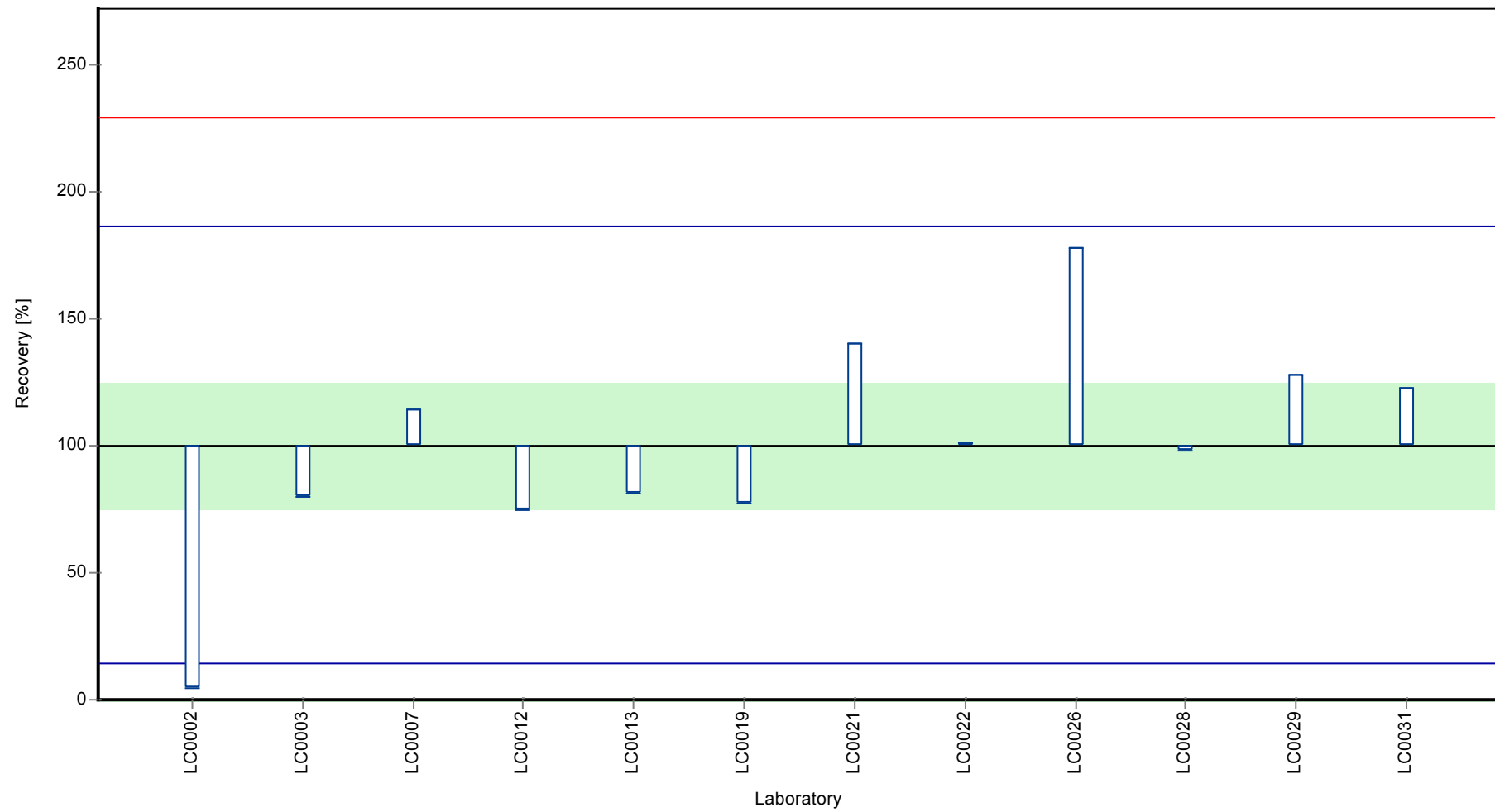
	all results	without outliers	Unit
Mean ± CI (99%)	0.328 ± 0.122	0.328 ± 0.122	µg/l
Minimum	0.014	0.014	µg/l
Maximum	0.584	0.584	µg/l
Standard deviation	0.141	0.141	µg/l
rel. Standard deviation	43	43	%
n	12	12	-

Graphical presentation of results

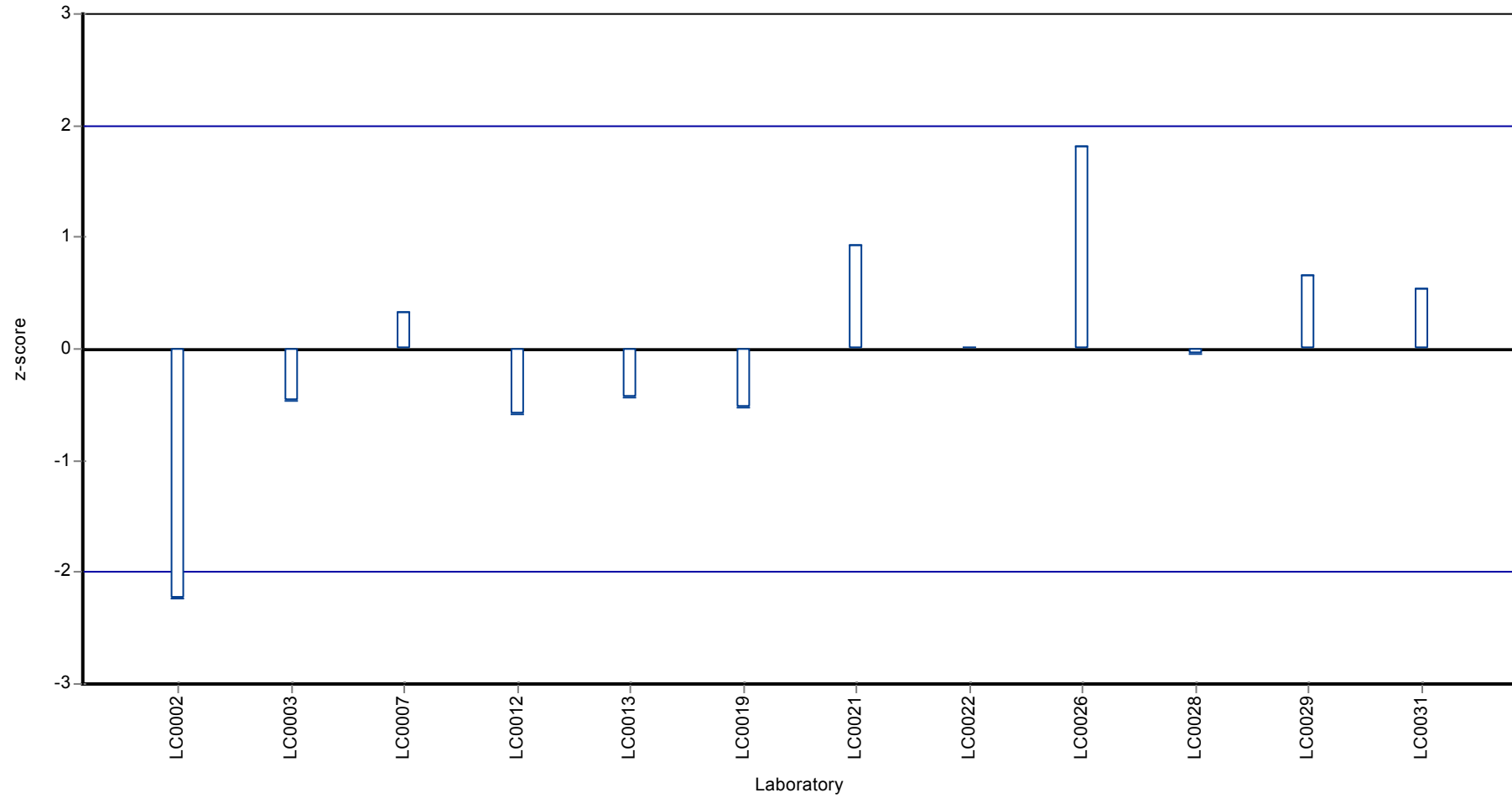
Results



Recovery rate



Z-score



## Parameter oriented report

### H98 B

#### Dicamba

Unit	µg/l
Mean ± CI (99%)	0.806 ± 0.131
Minimum - Maximum	0.606 - 1.03
Control test value ± U	0.777 ± 0.0353

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	< 0.01 (LOQ)	-	-	-	FN
LC0003	0.727	0.11	90.2	-0.55	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	0.812	0.24	101	0.04	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.637	0.09555	79	-1.17	
LC0013	0.773	-	95.9	-0.23	
LC0014	< 0.5 (LOQ)	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	0.606	0.121	75.2	-1.39	
LC0020	-	-	-	-	
LC0021	0.98	0.245	122	1.2	
LC0022	0.798	0.119	99	-0.06	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	1.035	0.334	128	1.58	
LC0027	-	-	-	-	
LC0028	0.695	0.181	86.2	-0.77	
LC0029	1	0.25	124	1.34	
LC0030	-	-	-	-	
LC0031	0.804	0.177	99.7	-0.01	
LC0032	-	-	-	-	

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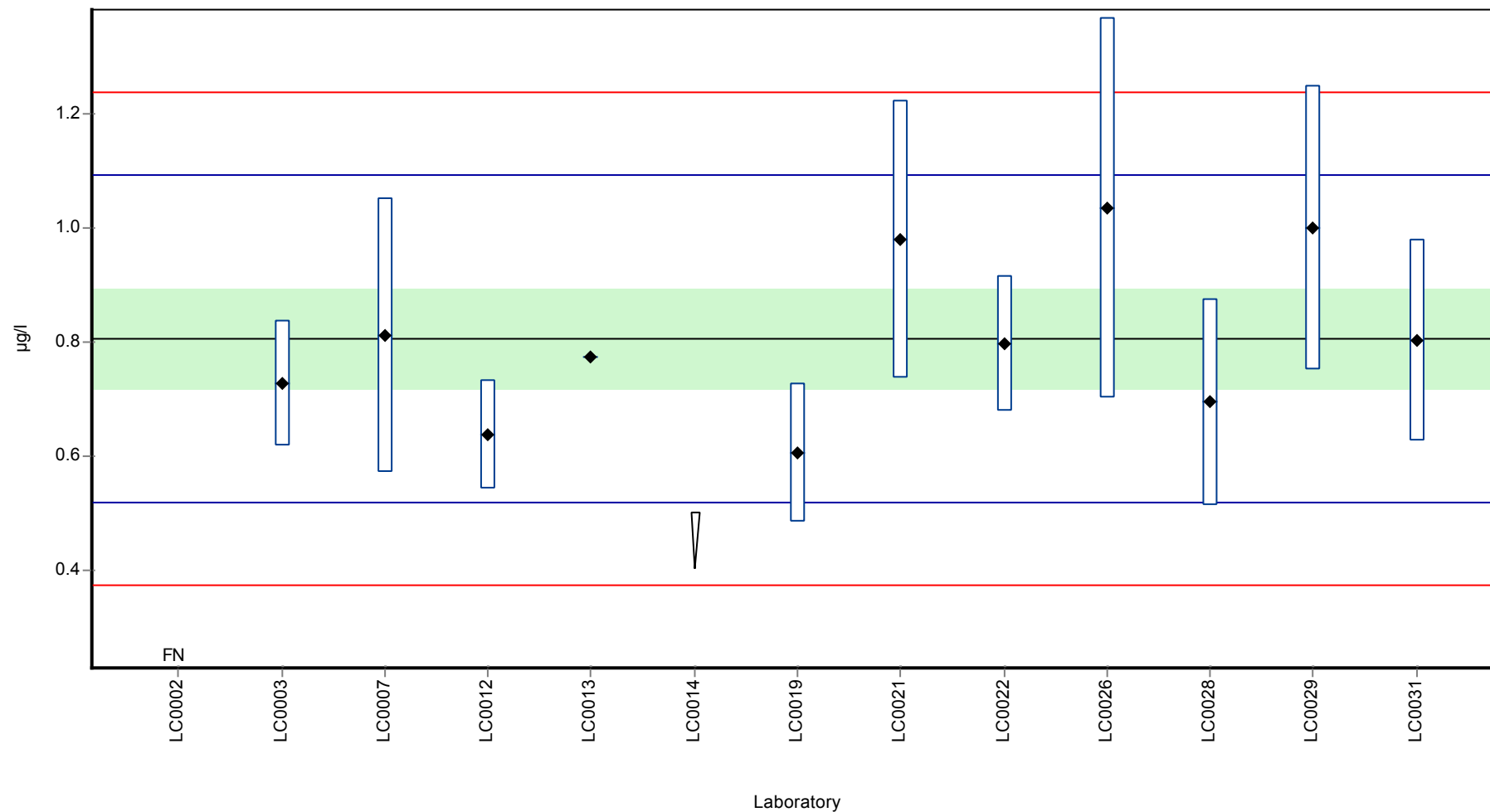
**Characteristics of parameter**

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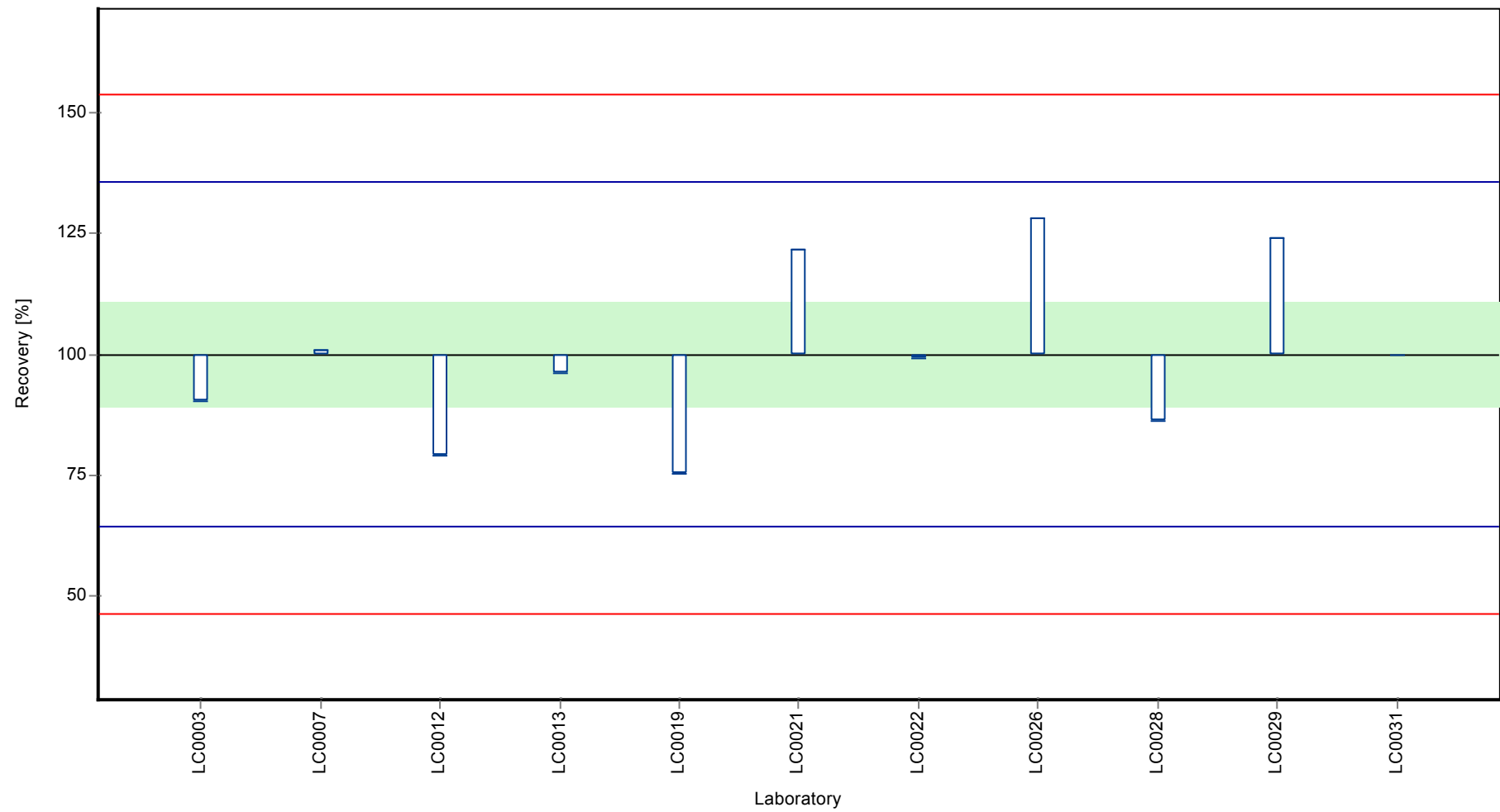
	all results	without outliers	Unit
Mean ± CI (99%)	0.806 ± 0.131	0.806 ± 0.131	µg/l
Minimum	0.606	0.606	µg/l
Maximum	1.03	1.03	µg/l
Standard deviation	0.144	0.144	µg/l
rel. Standard deviation	17.9	17.9	%
n	11	11	-

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Graphical presentation of results  
Results

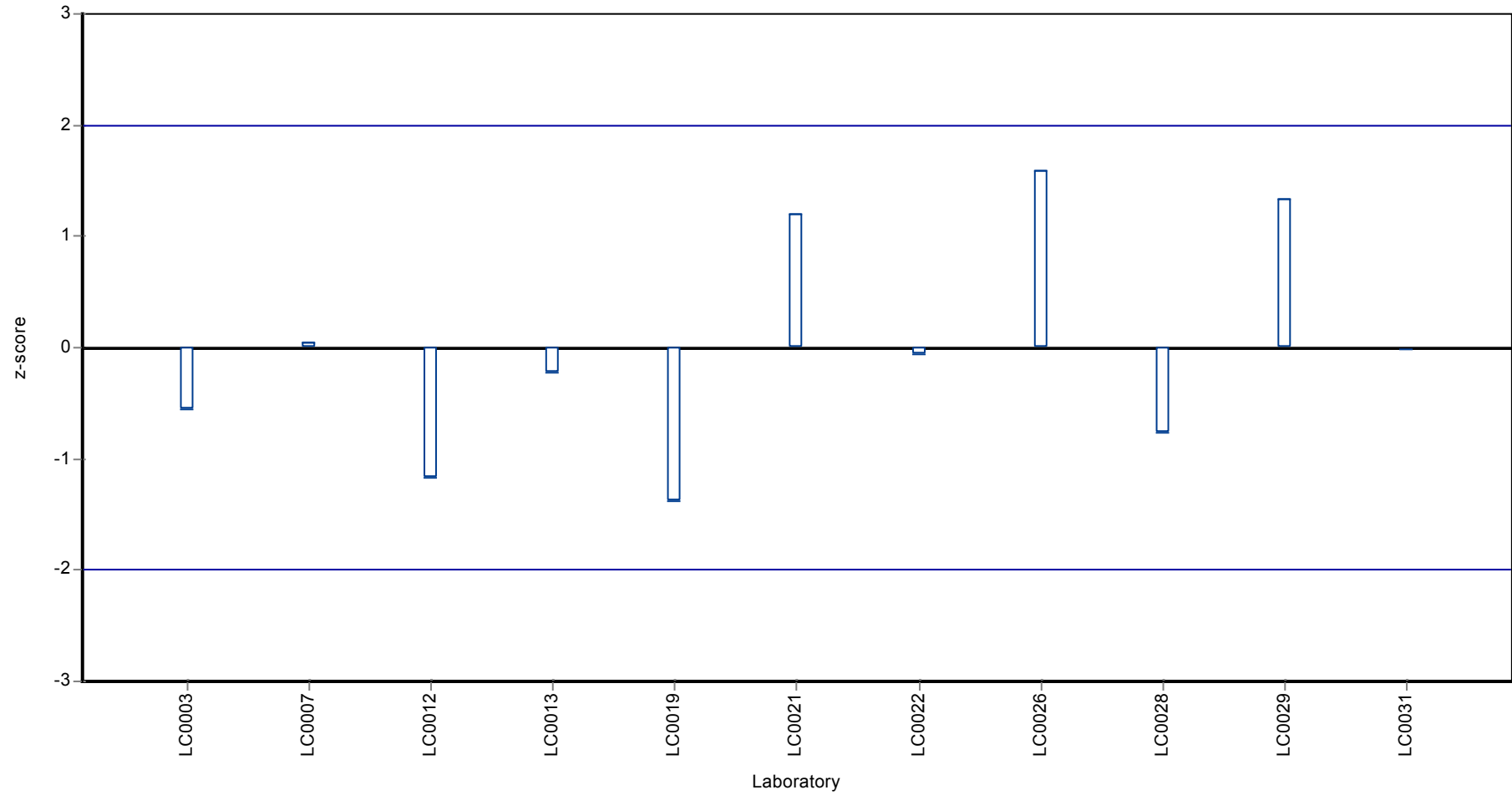


Recovery rate





Z-score



## Parameter oriented report

### H98 A

#### Glufosinate

Unit	µg/l
Mean ± CI (99%)	0.469 ± 0.23
Minimum - Maximum	0.038 - 0.772
Control test value ± U	0.621 ± 0.0446

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.038	0.019	8.1	-1.99	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	0.59	0.12	126	0.56	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	0.416	-	88.7	-0.24	
LC0016	-	-	-	-	
LC0017	0.455	-	97	-0.06	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	0.772	0.154	165	1.4	
LC0021	0.42	0.105	89.6	-0.23	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	0.42	0.11	89.6	-0.23	
LC0028	0.641	0.128	137	0.79	
LC0029	-	-	-	-	
LC0030	-	-	-	-	
LC0031	-	-	-	-	
LC0032	-	-	-	-	

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**Characteristics of parameter**

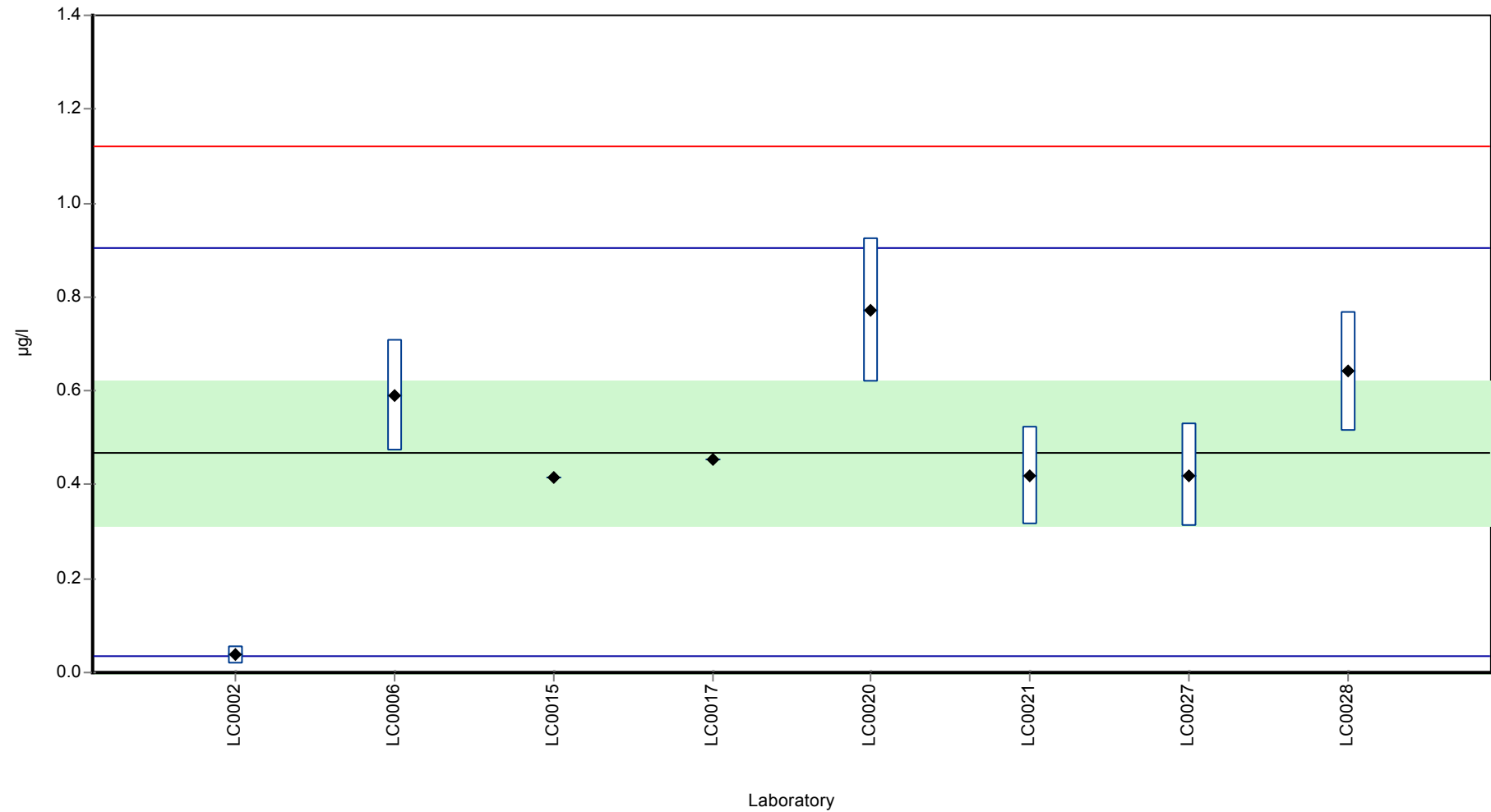
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	all results	without outliers	Unit
Mean ± CI (99%)	0.469 ± 0.23	0.469 ± 0.23	µg/l
Minimum	0.038	0.038	µg/l
Maximum	0.772	0.772	µg/l
Standard deviation	0.217	0.217	µg/l
rel. Standard deviation	46.3	46.3	%
n	8	8	-

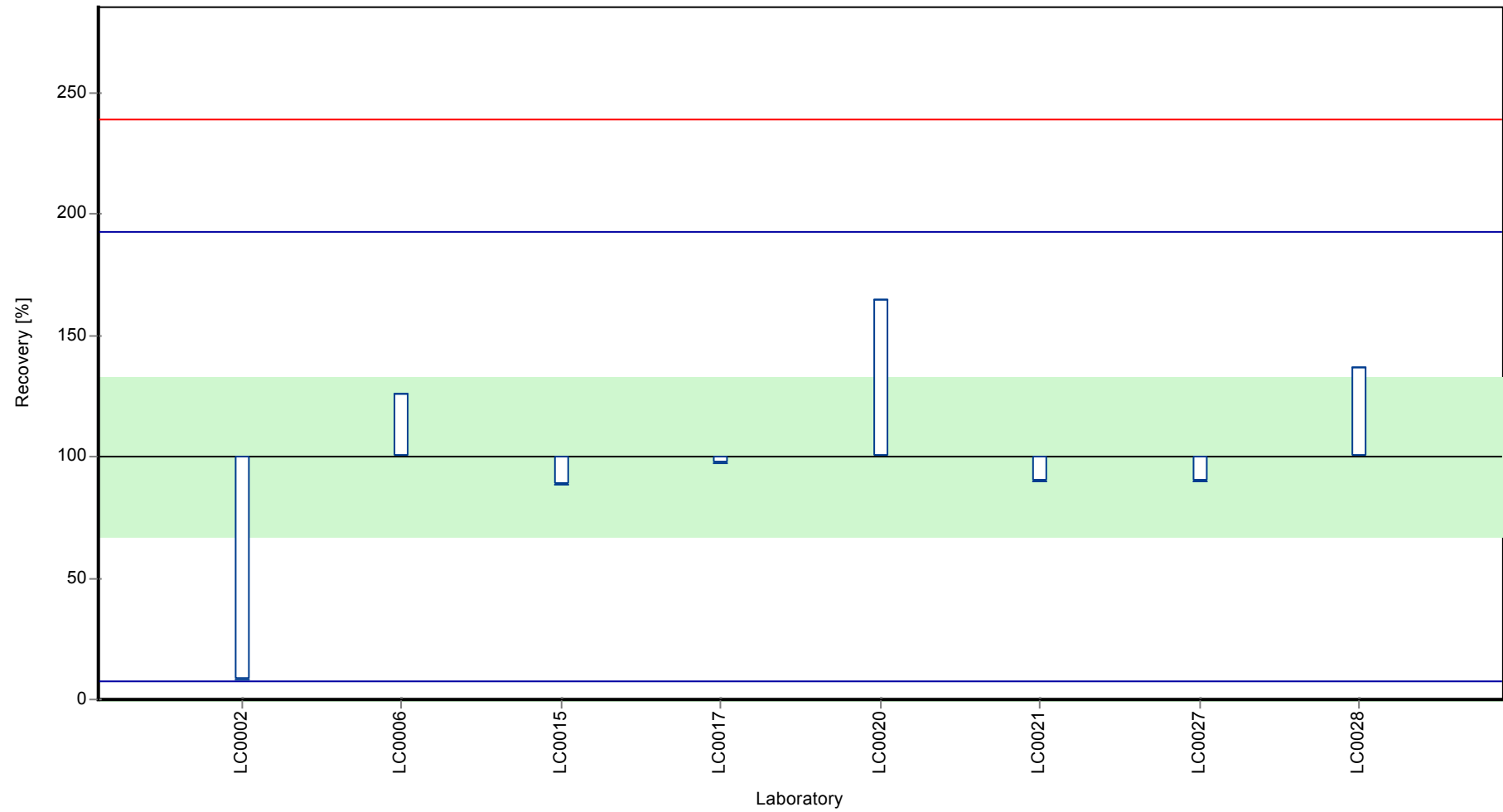
---

Graphical presentation of results

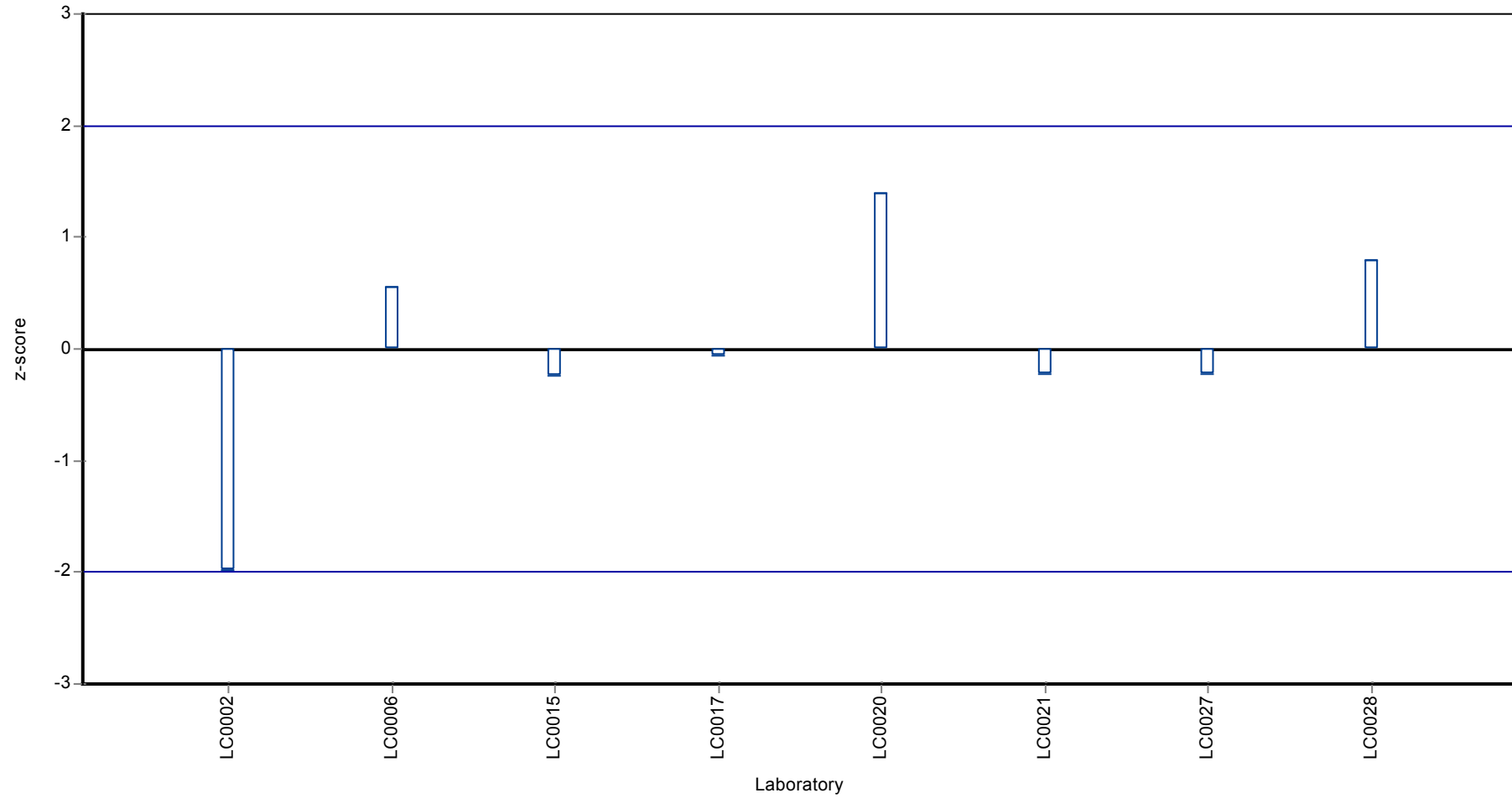
Results



Recovery rate



Z-score



## Parameter oriented report

### H98 B

#### Glufosinate

Unit	µg/l
Mean ± CI (99%)	0.123 ± 0.0308
Minimum - Maximum	0.076 - 0.167
Control test value ± U	0.145 ± 0.0131

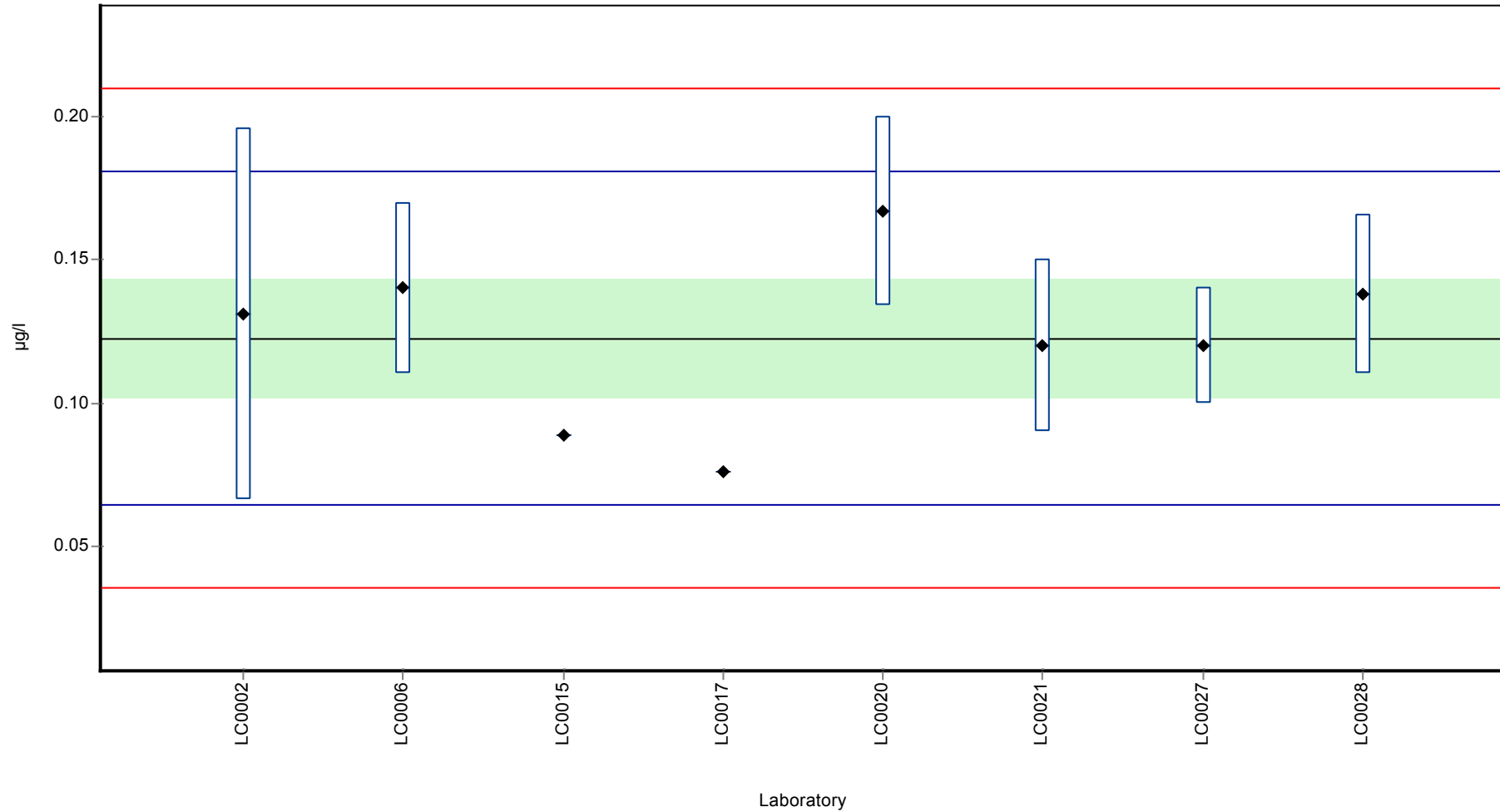
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.131	0.065	107	0.29	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	0.14	0.03	114	0.6	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	0.089	-	72.6	-1.16	
LC0016	-	-	-	-	
LC0017	0.076	-	62	-1.61	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	0.167	0.033	136	1.53	
LC0021	0.12	0.03	97.9	-0.09	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	0.12	0.02	97.9	-0.09	
LC0028	0.138	0.028	113	0.53	
LC0029	-	-	-	-	
LC0030	-	-	-	-	
LC0031	-	-	-	-	
LC0032	-	-	-	-	

**Characteristics of parameter**

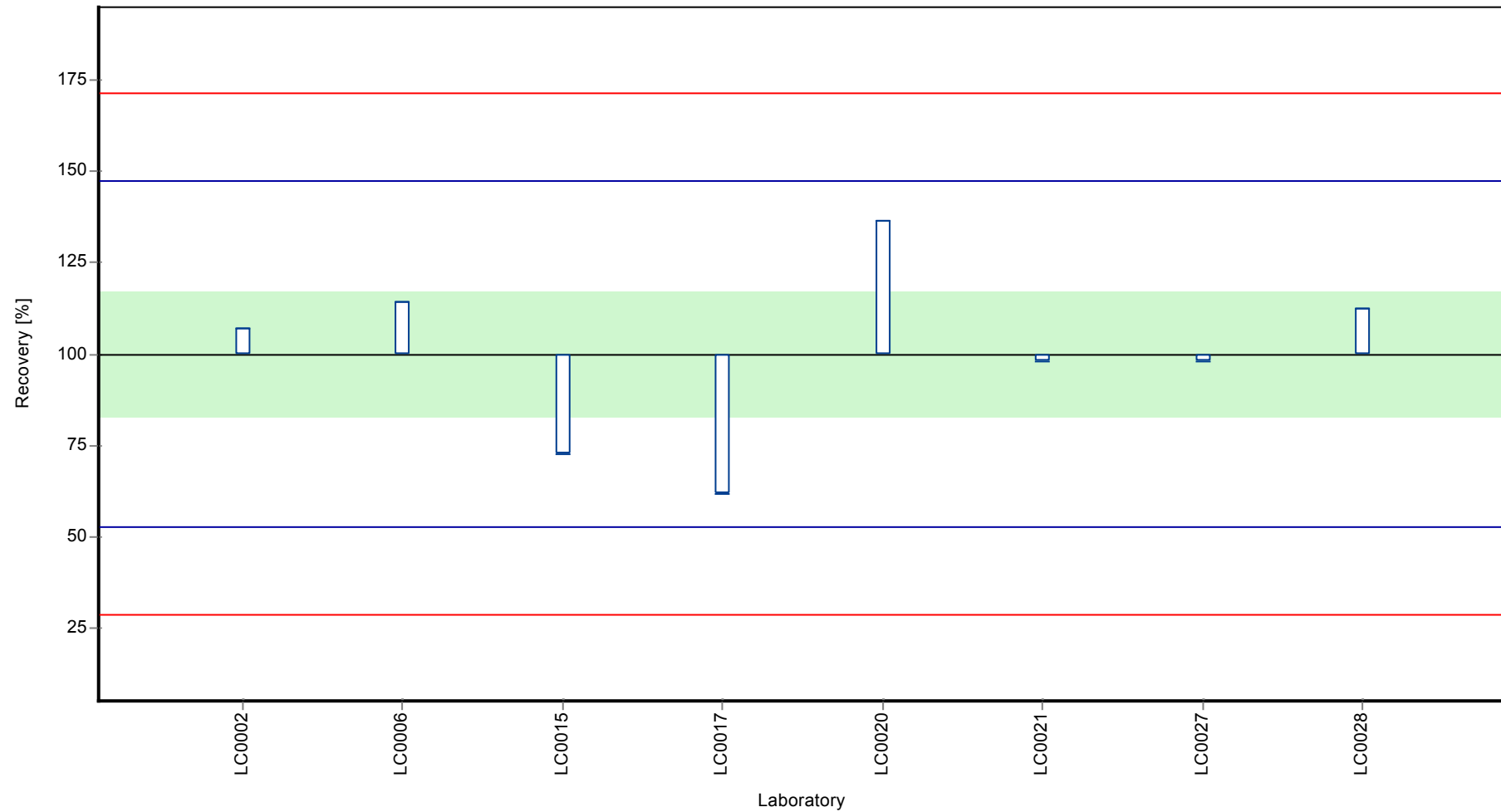
	all results	without outliers	Unit
Mean ± CI (99%)	0.123 ± 0.0308	0.123 ± 0.0308	µg/l
Minimum	0.076	0.076	µg/l
Maximum	0.167	0.167	µg/l
Standard deviation	0.029	0.029	µg/l
rel. Standard deviation	23.7	23.7	%
n	8	8	-



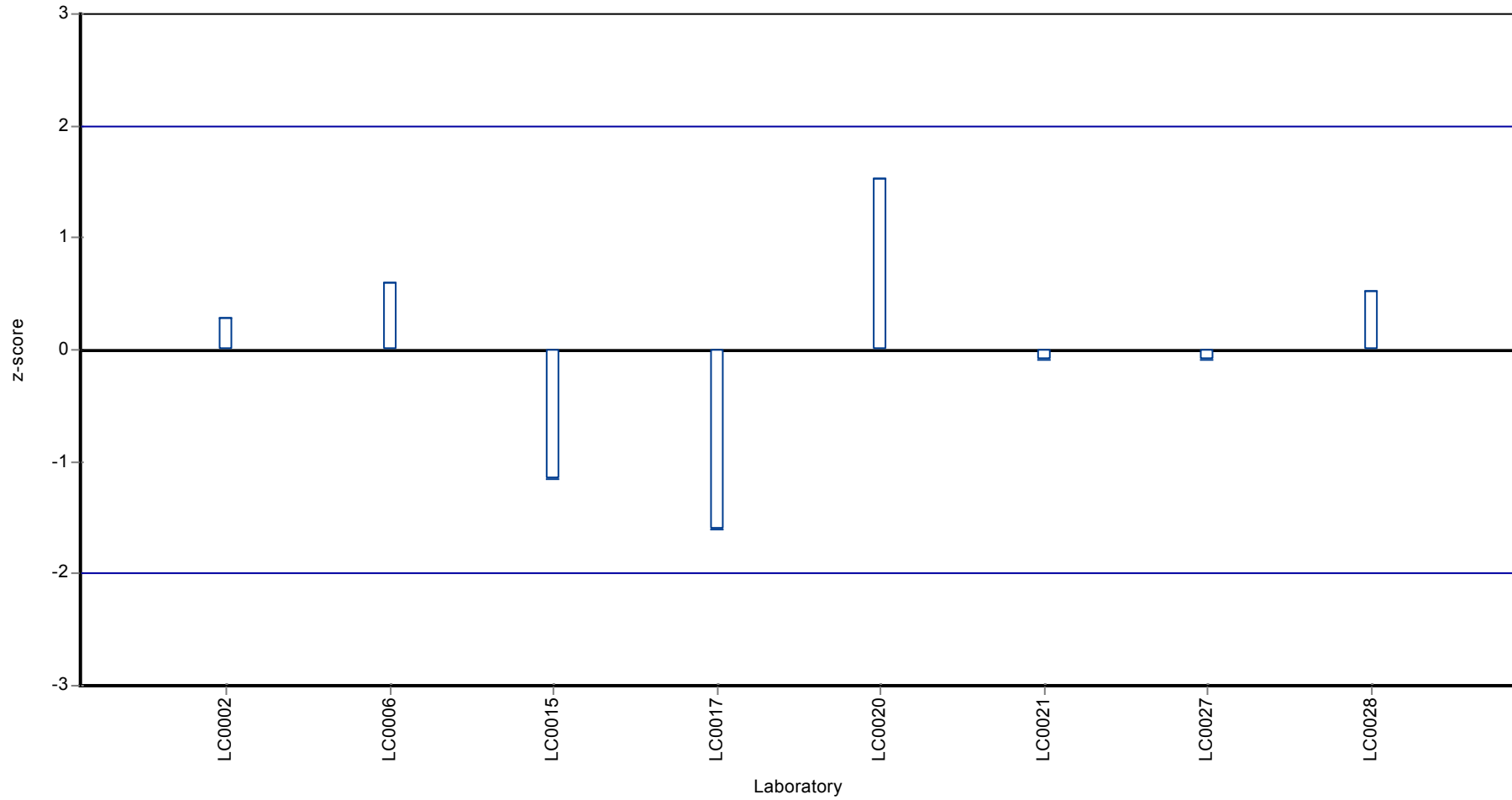
**Graphical presentation of results**  
**Results**



Recovery rate



Z-score



## Parameter oriented report

### H98 A

#### Glyphosate

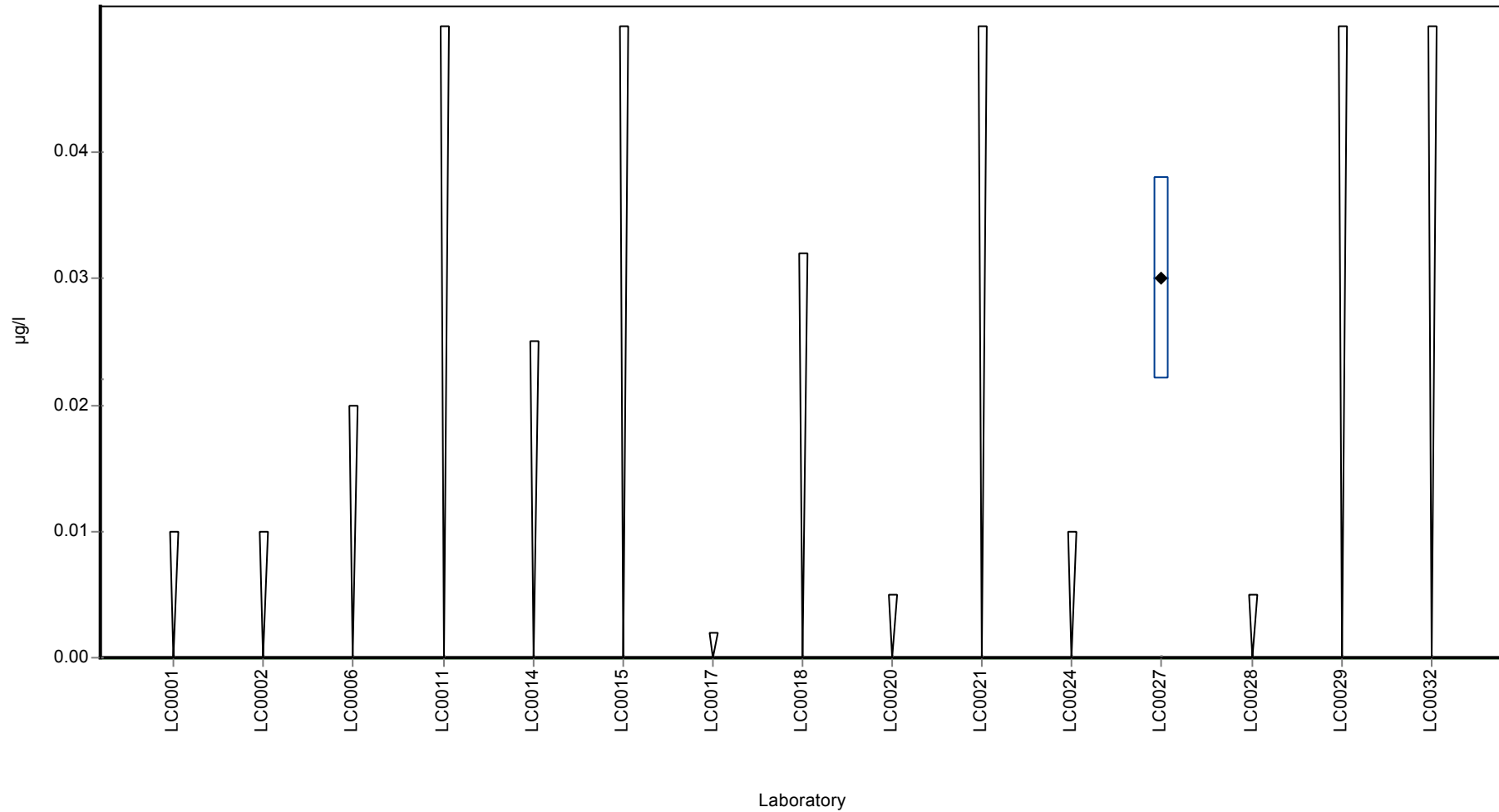
Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.03 - 0.03
Control test value ± U	<0.03 (LOD)

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	<0.01 (LOD)	-	-	-	
LC0002	< 0.01 (LOQ)	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	< 0.02 (LOQ)	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	< 0.05 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	< 0.025 (LOQ)	-	-	-	
LC0015	< 0.05 (LOQ)	-	-	-	
LC0016	-	-	-	-	
LC0017	< 0.002 (LOQ)	-	-	-	
LC0018	<0.032 (LOD)	-	-	-	
LC0019	-	-	-	-	
LC0020	< 0.005 (LOQ)	-	-	-	
LC0021	< 0.05 (LOQ)	-	-	-	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	< 0.01 (LOQ)	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	0.03	0.008	-	-	
LC0028	< 0.005 (LOQ)	-	-	-	
LC0029	< 0.05 (LOQ)	-	-	-	
LC0030	-	-	-	-	
LC0031	-	-	-	-	
LC0032	< 0.05 (LOQ)	-	-	-	

**Characteristics of parameter**

	all results	without outliers	Unit
Mean ± CI (99%)	0.03	-	µg/l
Minimum	0.03	0.03	µg/l
Maximum	0.03	0.03	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	1	1	-

**Graphical presentation of results**  
**Results**



## Parameter oriented report

### H98 B

#### Glyphosate

Unit	µg/l
Mean ± CI (99%)	0.322 ± 0.036
Minimum - Maximum	0.221 - 0.41
Control test value ± U	0.313 ± 0.0281

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.299	0.037	93	-0.52	
LC0002	0.158	0.079	49.1	-3.78	H
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	0.35	0.07	109	0.66	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.321	0.08	99.8	-0.01	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	0.329	0.039	102	0.17	
LC0015	0.316	-	98.3	-0.13	
LC0016	-	-	-	-	
LC0017	0.434	-	135	2.6	H
LC0018	0.221	0.031	68.7	-2.33	
LC0019	-	-	-	-	
LC0020	0.293	0.059	91.1	-0.66	
LC0021	0.33	0.083	103	0.19	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	0.311	0.062	96.7	-0.24	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	0.41	0.07	127	2.04	
LC0028	0.314	0.063	97.6	-0.18	
LC0029	0.32	0.022	99.5	-0.04	
LC0030	-	-	-	-	
LC0031	-	-	-	-	
LC0032	0.367	0.055	114	1.05	

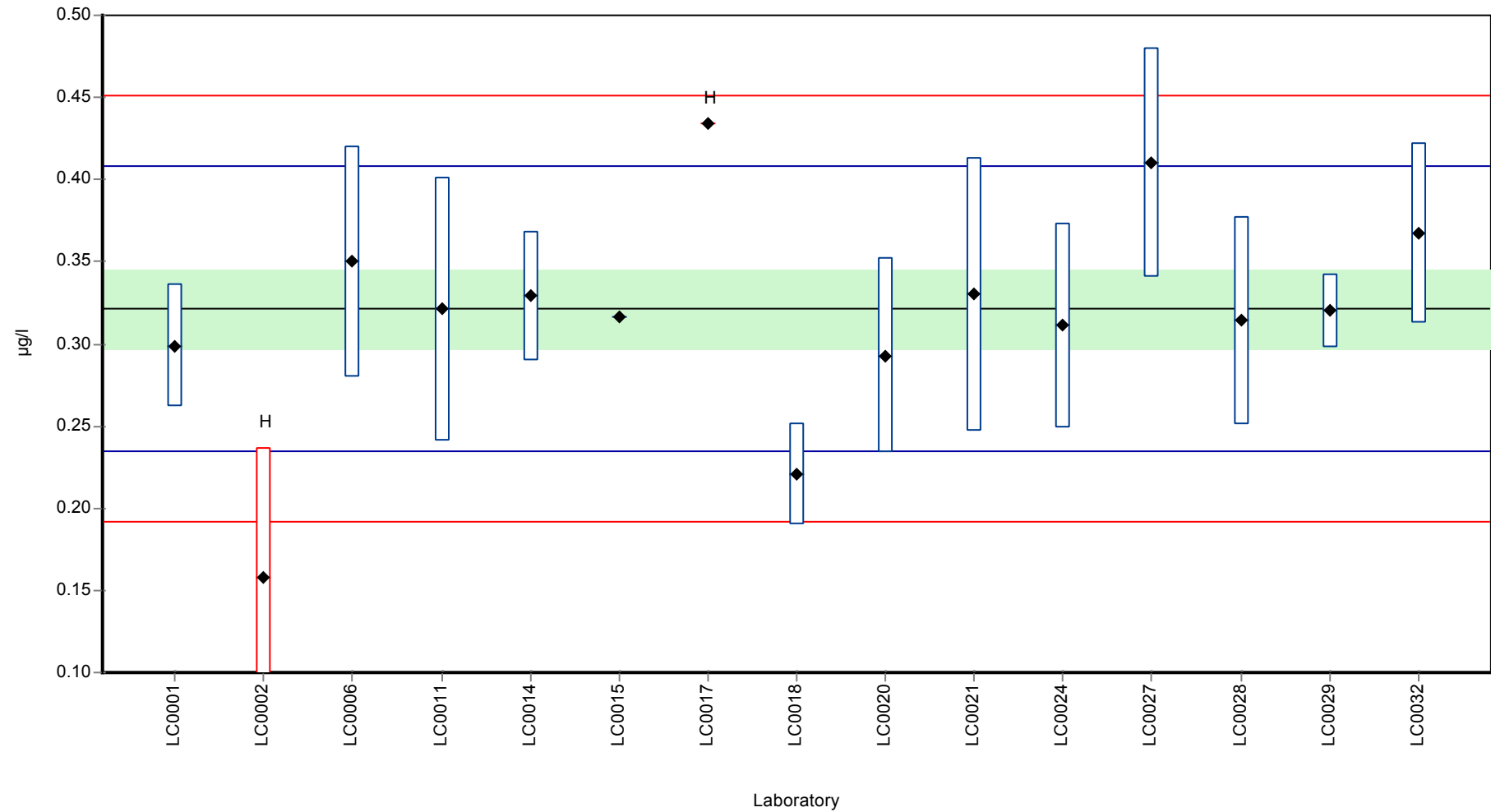
**Characteristics of parameter**

	all results	without outliers	Unit
Mean ± CI (99%)	0.318 ± 0.0514	0.322 ± 0.036	µg/l
Minimum	0.158	0.221	µg/l
Maximum	0.434	0.41	µg/l
Standard deviation	0.0664	0.0433	µg/l
rel. Standard deviation	20.9	13.5	%
n	15	13	-

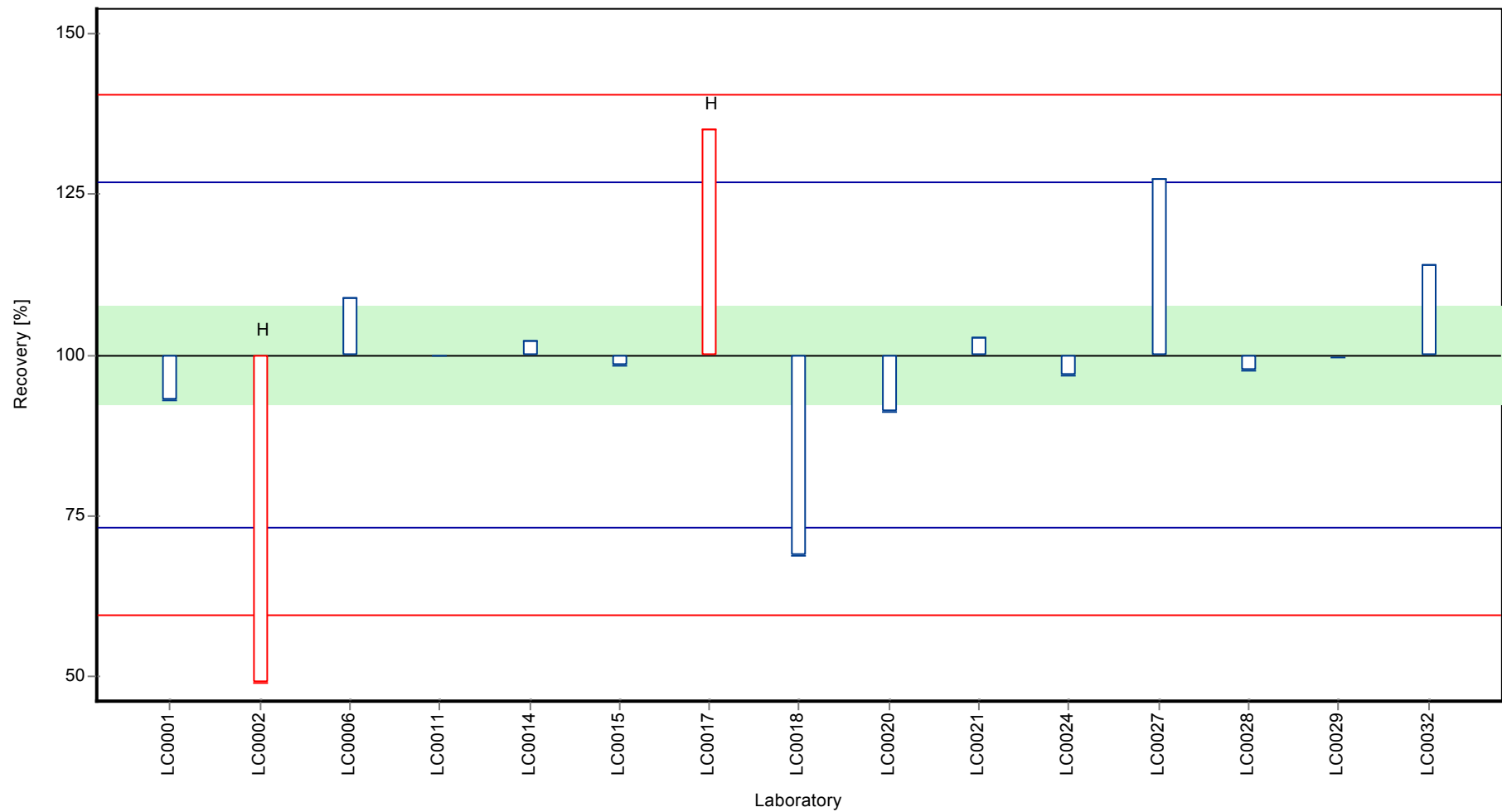


Graphical presentation of results

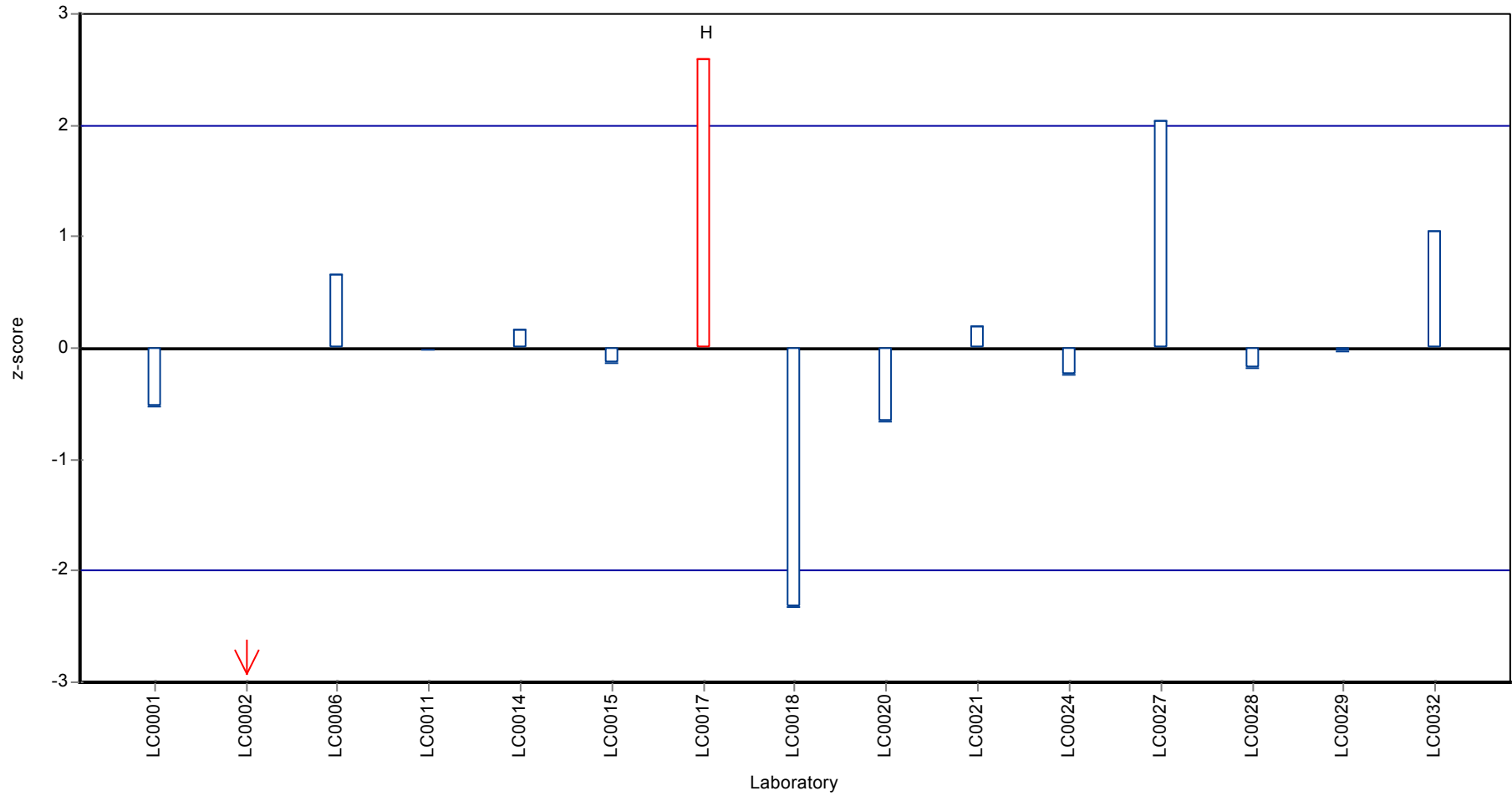
Results



Recovery rate



Z-score



## Parameter oriented report

### H98 A

#### Mecoprop

Unit	µg/l
Mean ± CI (99%)	0.103 ± 0.00988
Minimum - Maximum	0.08 - 0.139
Control test value ± U	0.0862 ± 0.0159

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.116	0.023	113	0.88	
LC0002	< 0.01 (LOQ)	-	-	-	FN
LC0003	0.089	0.015	86.3	-0.96	
LC0004	0.139	-	135	2.44	
LC0005	-	-	-	-	
LC0006	0.1	0.02	97	-0.21	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.109	0.022	106	0.4	
LC0012	0.08	0.012	77.6	-1.57	
LC0013	0.115	-	112	0.81	
LC0014	0.122	0.0362	118	1.28	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	0.116	-	113	0.88	
LC0018	0.113	0.029	110	0.67	
LC0019	0.104	0.021	101	0.06	
LC0020	0.106	0.014	103	0.2	
LC0021	0.11	0.028	107	0.47	
LC0022	0.096	0.014	93.1	-0.48	
LC0023	-	-	-	-	
LC0024	0.092	0.028	89.2	-0.75	
LC0025	-	-	-	-	
LC0026	0.094	0.018	91.2	-0.62	
LC0027	0.096	0.014	93.1	-0.48	
LC0028	0.08	0.011	77.6	-1.57	
LC0029	0.094	0.039	91.2	-0.62	
LC0030	-	-	-	-	
LC0031	0.091	0.023	88.3	-0.82	
LC0032	-	-	-	-	

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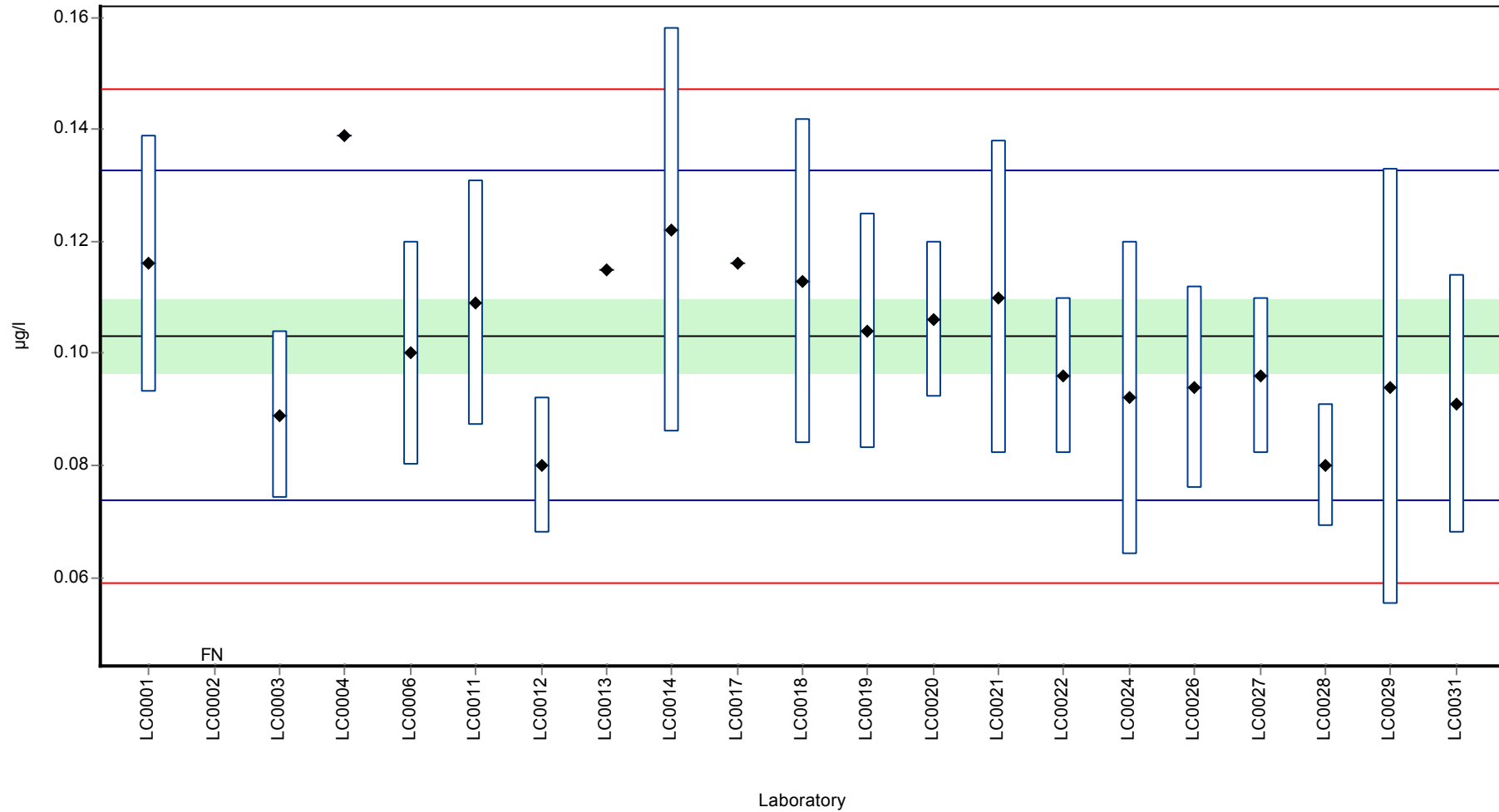
**Characteristics of parameter**

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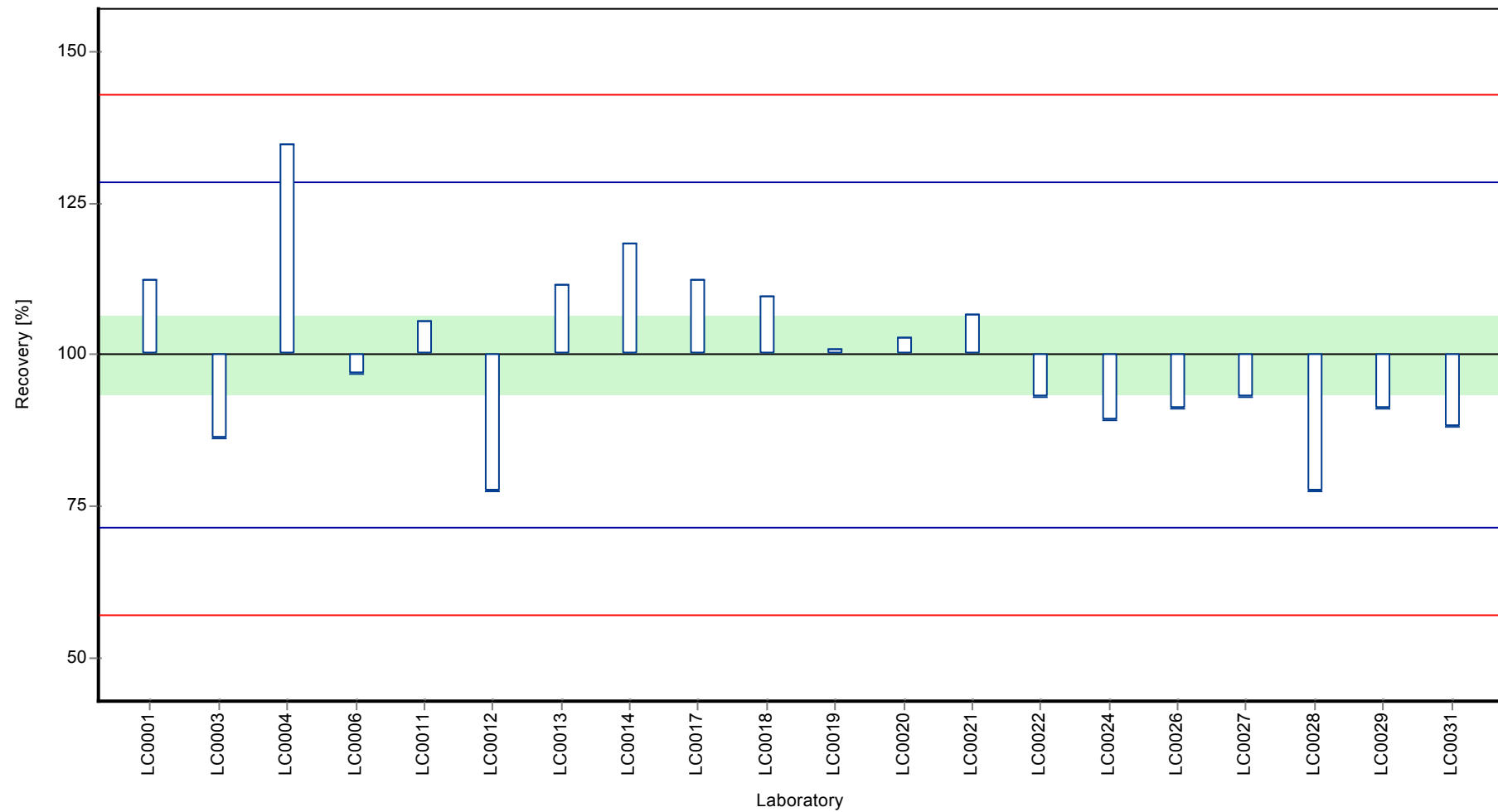
	all results	without outliers	Unit
Mean ± CI (99%)	0.103 ± 0.00988	0.103 ± 0.00988	µg/l
Minimum	0.08	0.08	µg/l
Maximum	0.139	0.139	µg/l
Standard deviation	0.0147	0.0147	µg/l
rel. Standard deviation	14.3	14.3	%
n	20	20	-

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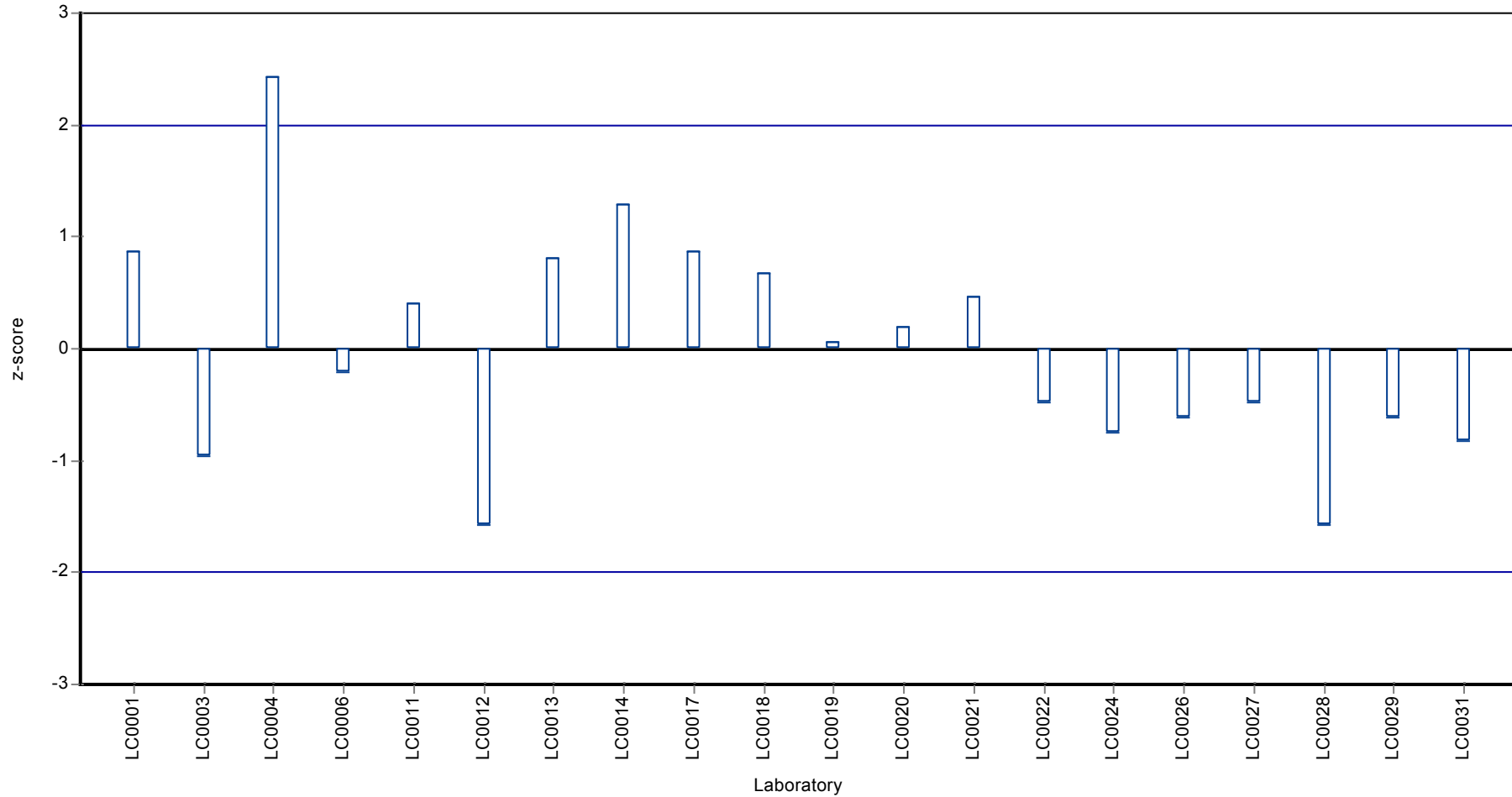
Graphical presentation of results  
Results



Recovery rate



Z-score





## Parameter oriented report

### H98 B

#### Mecoprop

Unit	µg/l
Mean ± CI (99%)	0.522 ± 0.0499
Minimum - Maximum	0.395 - 0.65
Control test value ± U	0.491 ± 0.0145

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.635	0.13	122	1.51	
LC0002	0.133	0.066	25.5	-5.23	H
LC0003	0.464	0.07	88.8	-0.79	
LC0004	0.564	-	108	0.56	
LC0005	-	-	-	-	
LC0006	0.5	0.1	95.7	-0.3	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.52	0.104	99.5	-0.03	
LC0012	0.419	0.06285	80.2	-1.39	
LC0013	0.51	-	97.6	-0.17	
LC0014	0.65	0.193	124	1.71	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	0.459	-	87.9	-0.85	
LC0018	0.551	0.144	105	0.38	
LC0019	0.395	0.079	75.6	-1.71	
LC0020	0.591	0.077	113	0.92	
LC0021	0.57	0.125	109	0.64	
LC0022	0.554	0.083	106	0.42	
LC0023	-	-	-	-	
LC0024	0.448	0.134	85.8	-1	
LC0025	-	-	-	-	
LC0026	0.62	0.118	119	1.31	
LC0027	0.472	0.085	90.4	-0.68	
LC0028	0.461	0.065	88.2	-0.82	
LC0029	0.6	0.25	115	1.04	
LC0030	-	-	-	-	
LC0031	0.465	0.163	89	-0.77	
LC0032	-	-	-	-	

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**Characteristics of parameter**

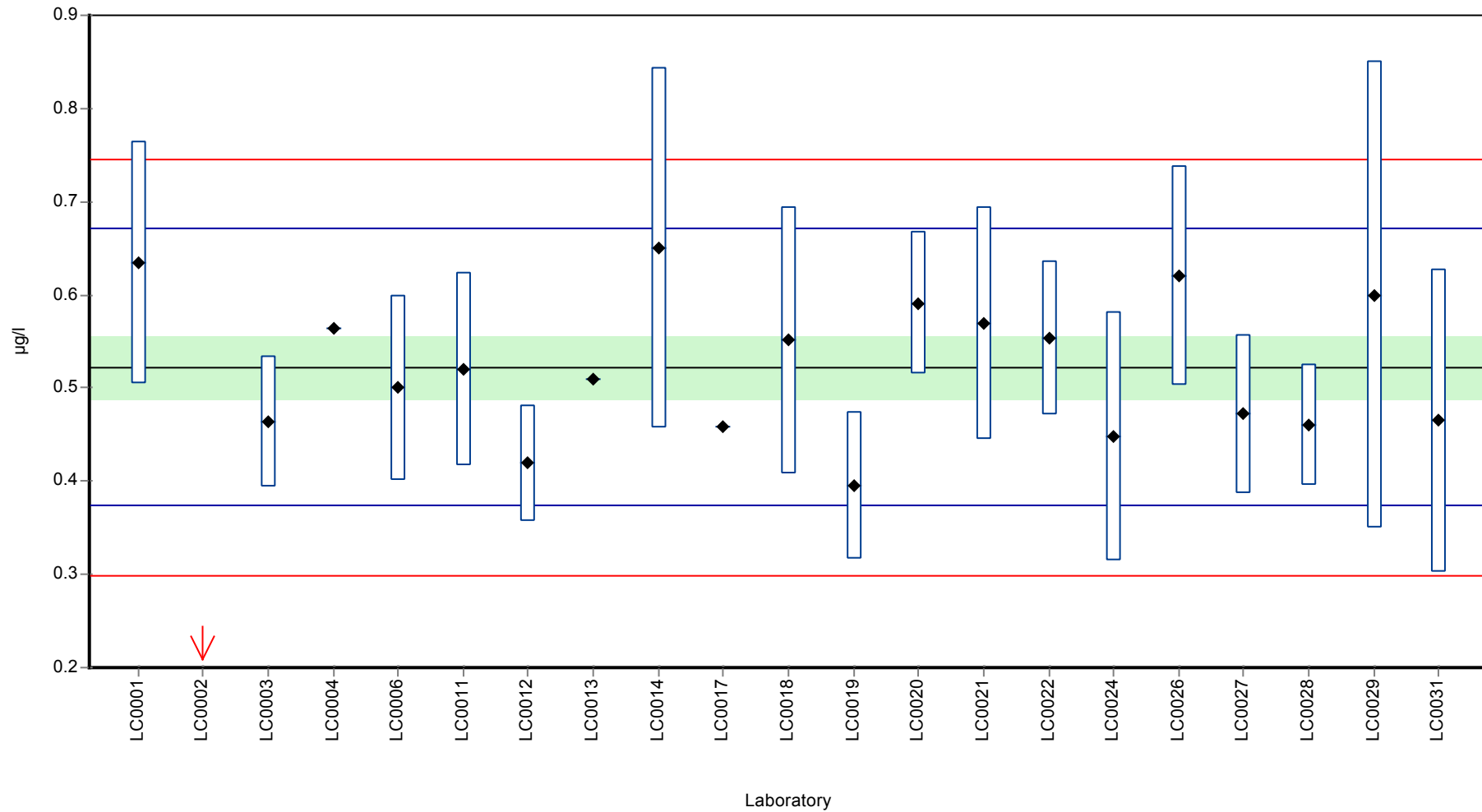
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	all results	without outliers	Unit
Mean ± CI (99%)	0.504 ± 0.0731	0.522 ± 0.0499	µg/l
Minimum	0.133	0.395	µg/l
Maximum	0.65	0.65	µg/l
Standard deviation	0.112	0.0744	µg/l
rel. Standard deviation	22.2	14.2	%
n	21	20	-

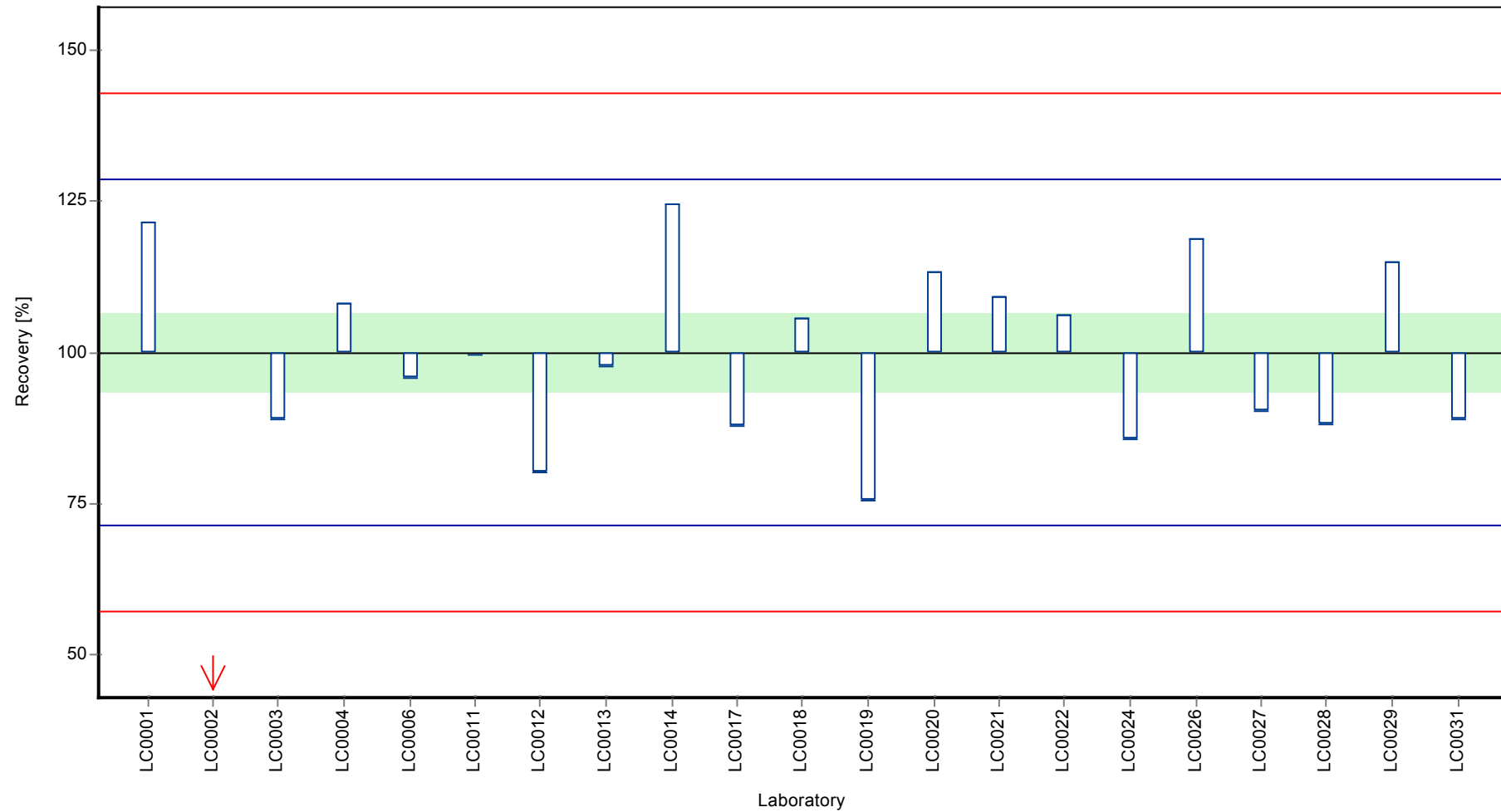
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Graphical presentation of results

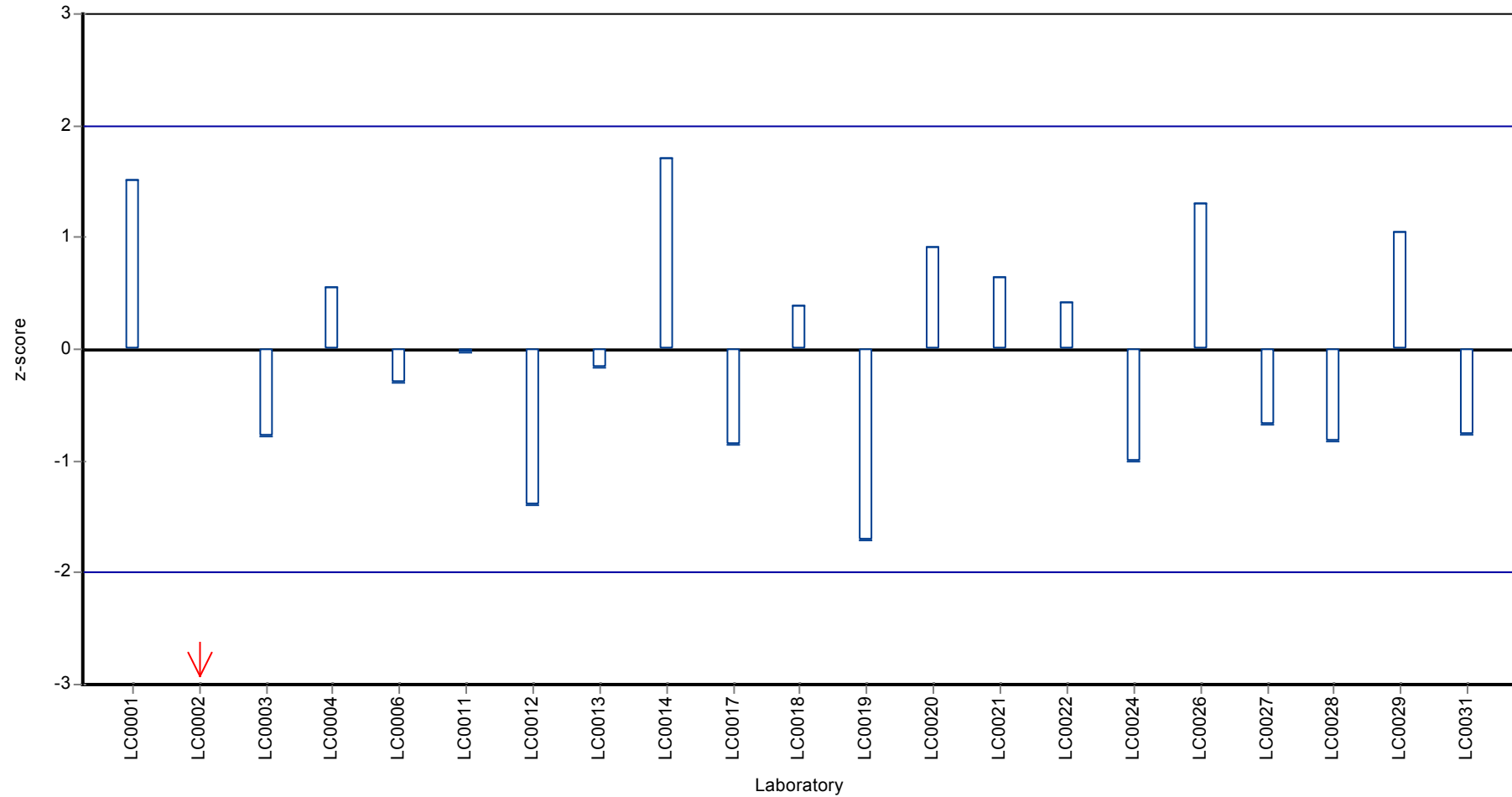
Results



Recovery rate



Z-score



## Parameter oriented report

### H98 A

#### Metazachlor ESA

Unit	µg/l
Mean ± CI (99%)	0.828 ± 0.108
Minimum - Maximum	0.609 - 1.05
Control test value ± U	0.671 ± 0.0302

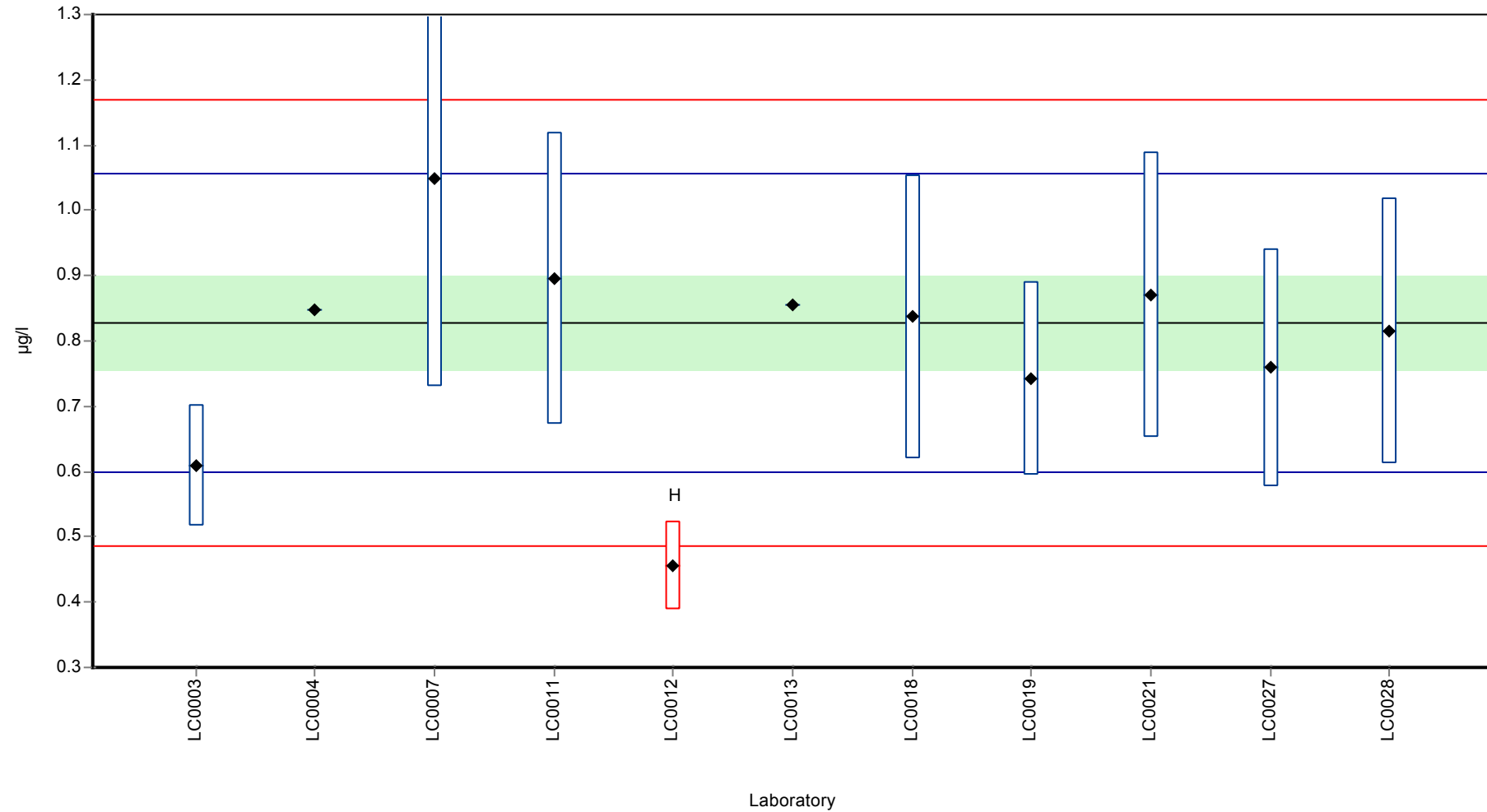
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.609	0.092	73.5	-1.92	
LC0004	0.849	-	103	0.18	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	1.05	0.32	127	1.94	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.895	0.224	108	0.59	
LC0012	0.456	0.0684	55.1	-3.26	H
LC0013	0.856	-	103	0.24	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	0.837	0.218	101	0.08	
LC0019	0.742	0.148	89.6	-0.76	
LC0020	-	-	-	-	
LC0021	0.87	0.218	105	0.37	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	0.759	0.182	91.6	-0.61	
LC0028	0.815	0.204	98.4	-0.12	
LC0029	-	-	-	-	
LC0030	-	-	-	-	
LC0031	-	-	-	-	
LC0032	-	-	-	-	

**Characteristics of parameter**

	all results	without outliers	Unit
Mean ± CI (99%)	0.794 ± 0.141	0.828 ± 0.108	µg/l
Minimum	0.456	0.609	µg/l
Maximum	1.05	1.05	µg/l
Standard deviation	0.156	0.114	µg/l
rel. Standard deviation	19.6	13.8	%
n	11	10	-

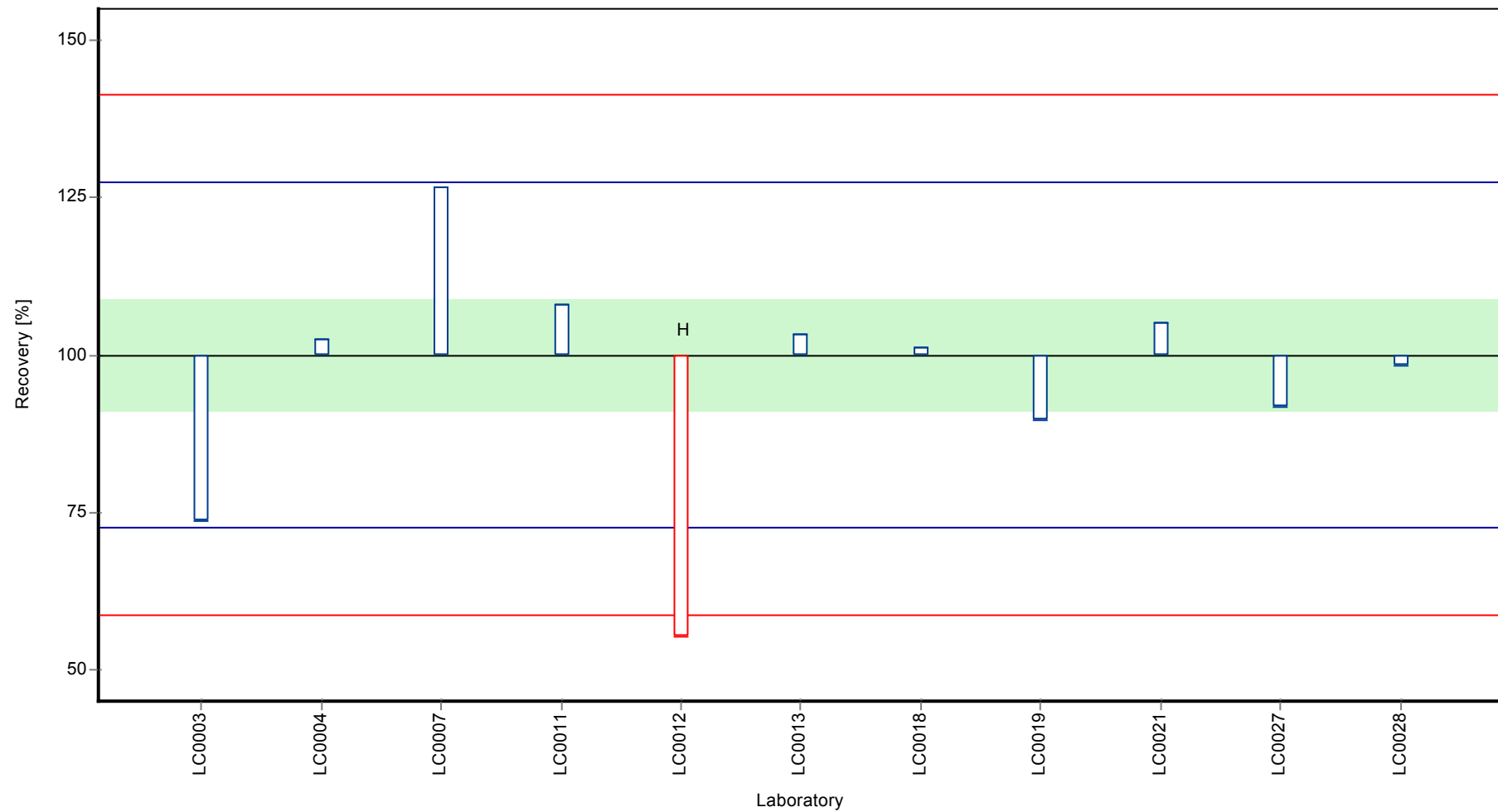
Graphical presentation of results

Results

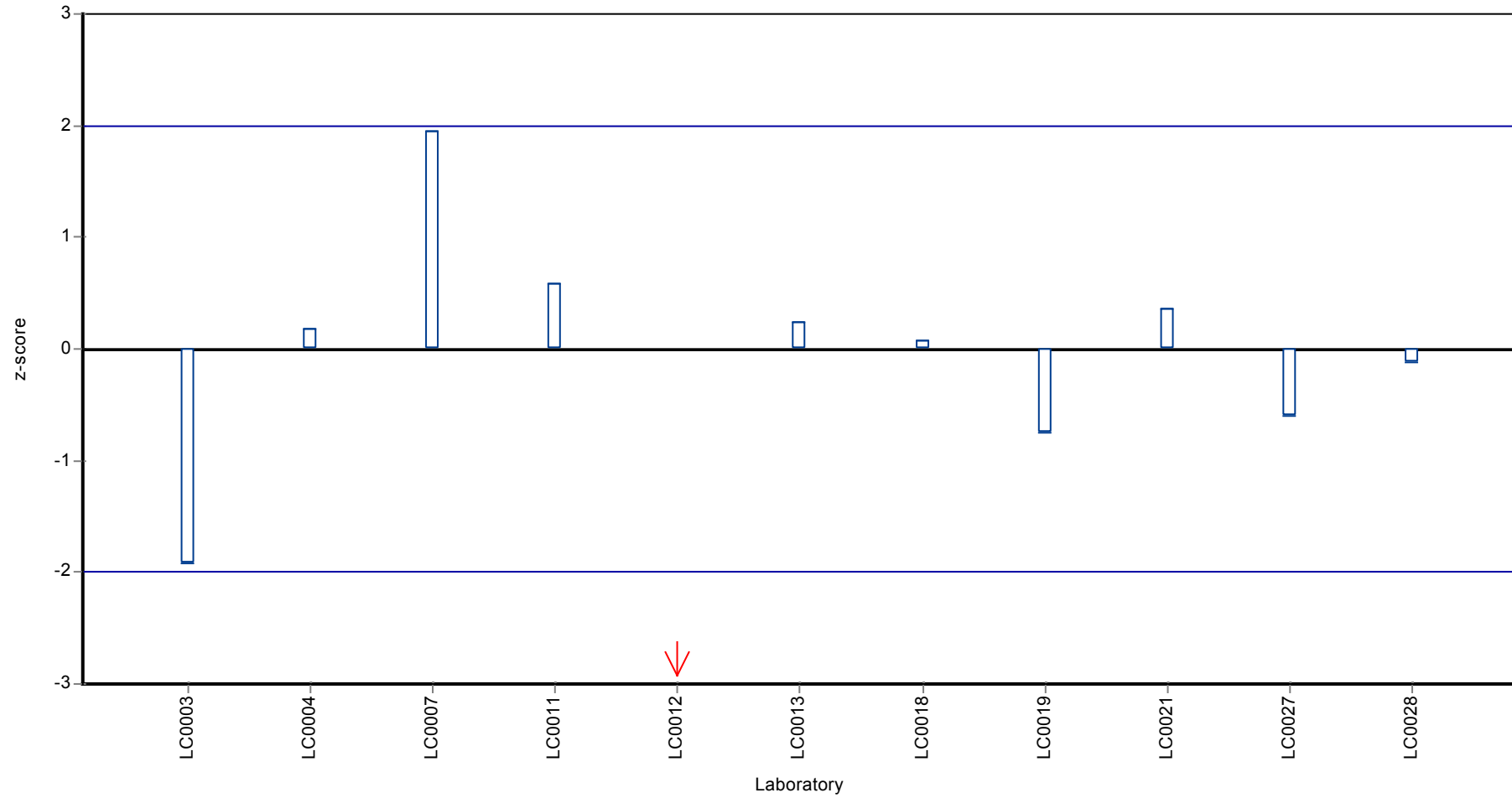




Recovery rate



Z-score



## Parameter oriented report

### H98 B

#### Metazachlor ESA

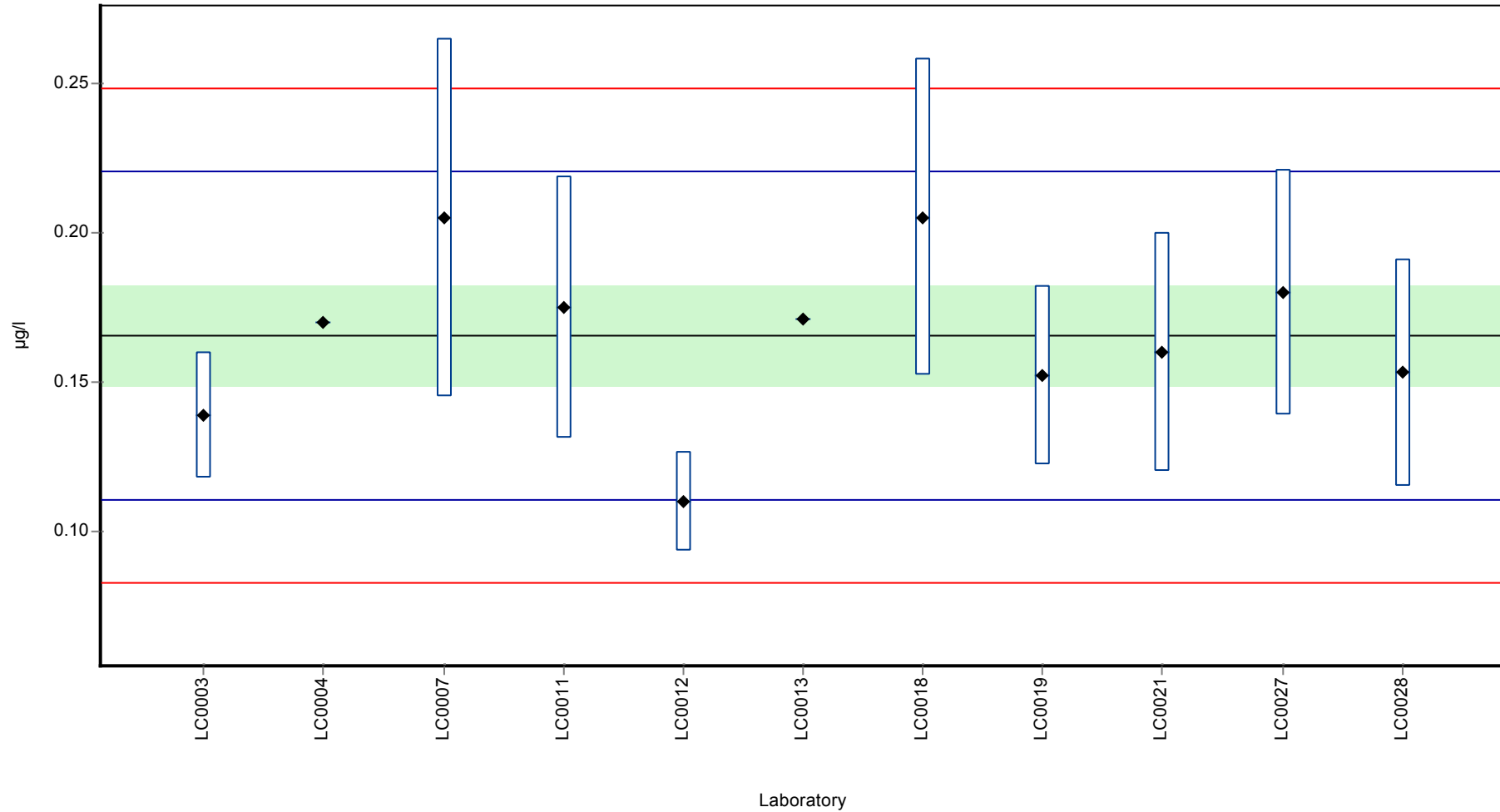
Unit	µg/l
Mean ± CI (99%)	0.165 ± 0.025
Minimum - Maximum	0.11 - 0.205
Control test value ± U	0.142 ± 0.00514

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.139	0.021	84	-0.96	
LC0004	0.17	-	103	0.17	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	0.205	0.06	124	1.43	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.175	0.044	106	0.35	
LC0012	0.11	0.0165	66.5	-2.01	
LC0013	0.171	-	103	0.2	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	0.205	0.053	124	1.43	
LC0019	0.152	0.03	91.9	-0.49	
LC0020	-	-	-	-	
LC0021	0.16	0.04	96.7	-0.2	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	0.18	0.041	109	0.53	
LC0028	0.153	0.038	92.5	-0.45	
LC0029	-	-	-	-	
LC0030	-	-	-	-	
LC0031	-	-	-	-	
LC0032	-	-	-	-	

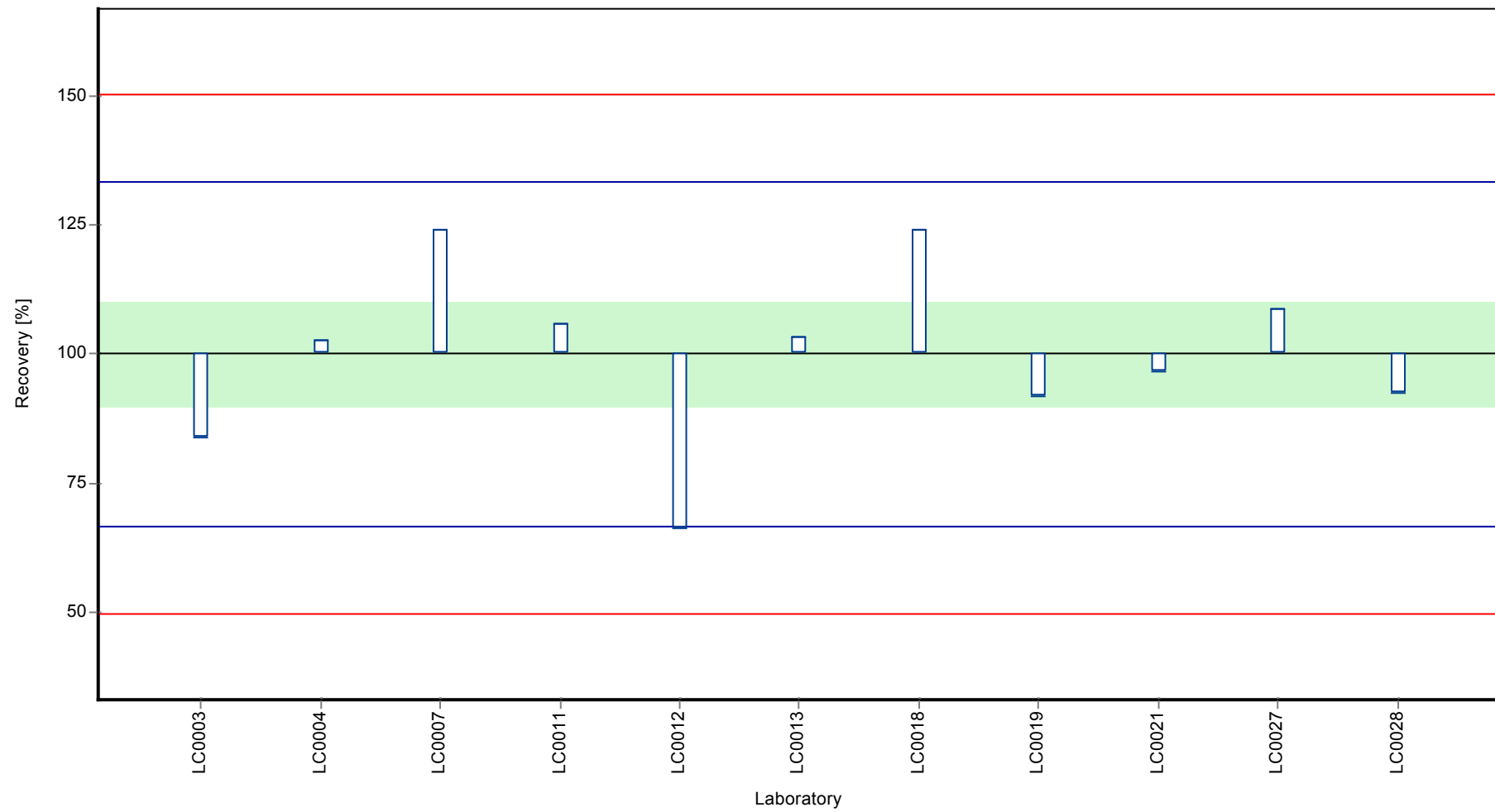
**Characteristics of parameter**

	all results	without outliers	Unit
Mean ± CI (99%)	0.165 ± 0.025	0.165 ± 0.025	µg/l
Minimum	0.11	0.11	µg/l
Maximum	0.205	0.205	µg/l
Standard deviation	0.0276	0.0276	µg/l
rel. Standard deviation	16.7	16.7	%
n	11	11	-

**Graphical presentation of results**  
**Results**



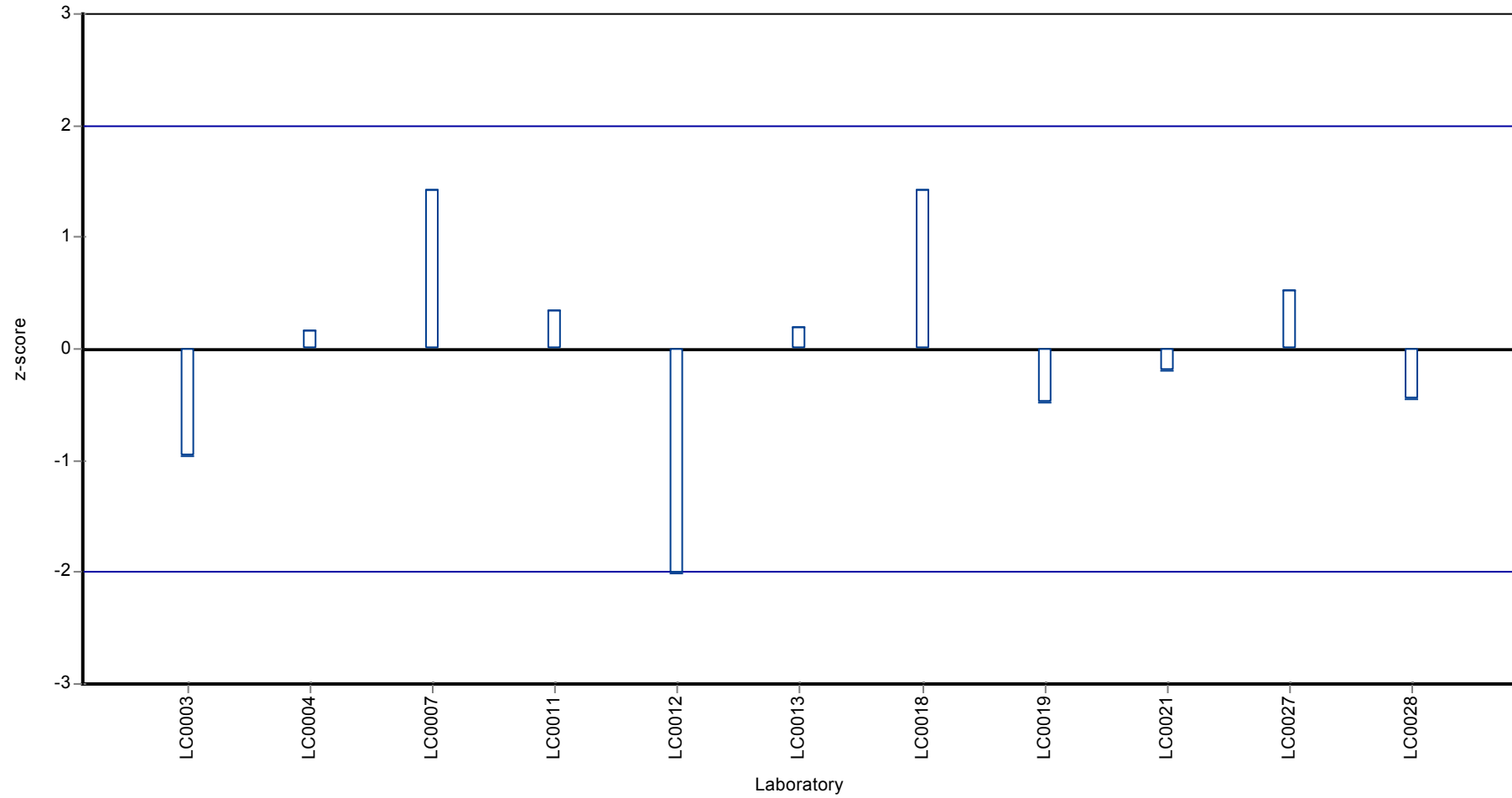
Recovery rate



Parameter oriented report Pesticides H98

Sample: H98B, Parameter: Metazachlor ESA

Z-score



## Parameter oriented report

### H98 A

#### Metazachlor OA

Unit	µg/l
Mean ± CI (99%)	0.491 ± 0.0347
Minimum - Maximum	0.443 - 0.53
Control test value ± U	0.456 ± 0.0117

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.524	0.079	107	0.96	
LC0004	1.369	-	279	25.3	H
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	0.526	0.16	107	1.02	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.65	0.163	132	4.59	H
LC0012	0.453	0.06795	92.3	-1.09	
LC0013	0.443	-	90.3	-1.38	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	0.493	0.089	100	0.06	
LC0019	0.503	0.101	102	0.35	
LC0020	-	-	-	-	
LC0021	0.53	0.133	108	1.13	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	0.497	0.134	101	0.18	
LC0028	0.448	0.112	91.3	-1.23	
LC0029	-	-	-	-	
LC0030	-	-	-	-	
LC0031	-	-	-	-	
LC0032	-	-	-	-	



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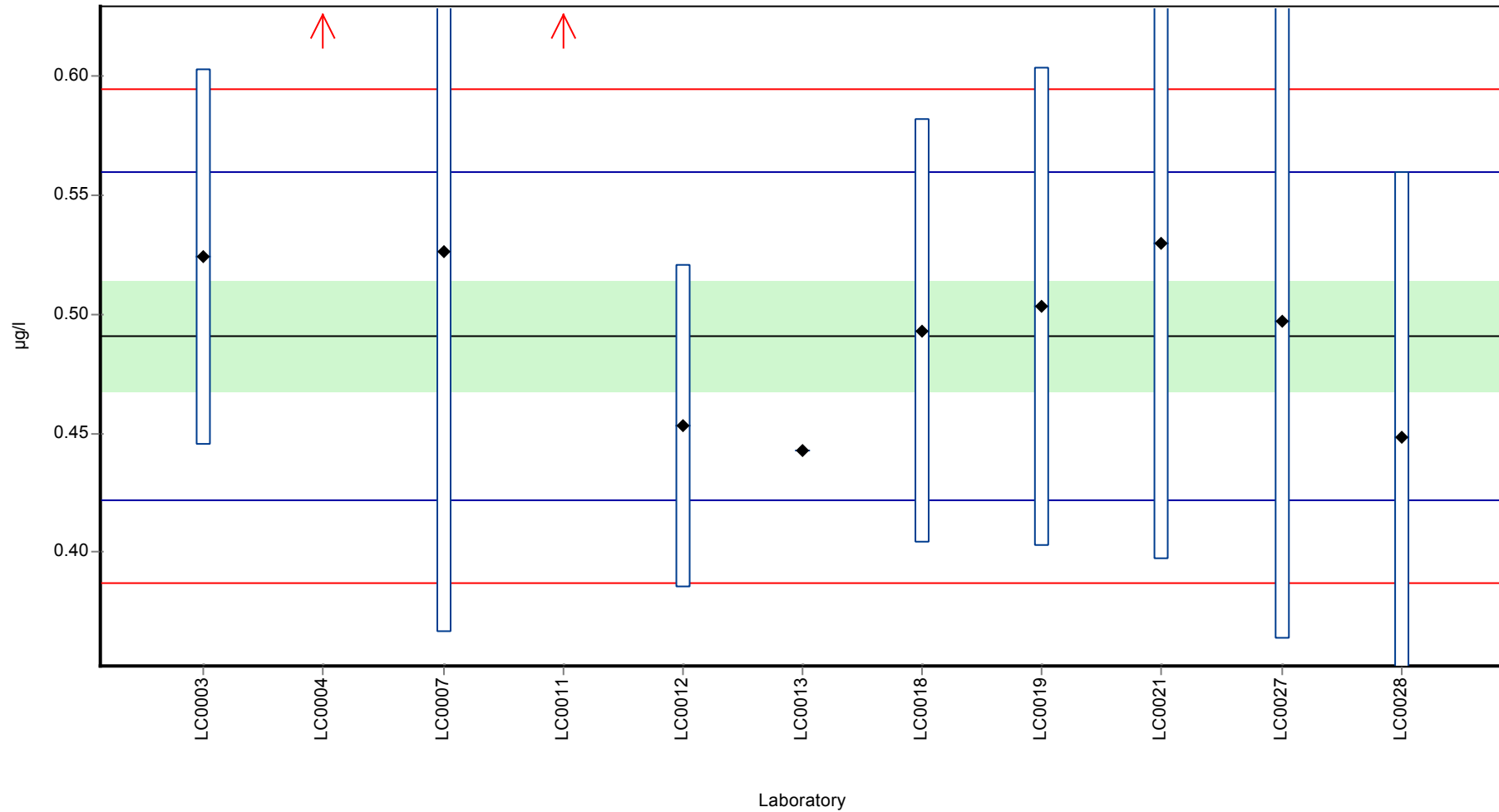
**Characteristics of parameter**

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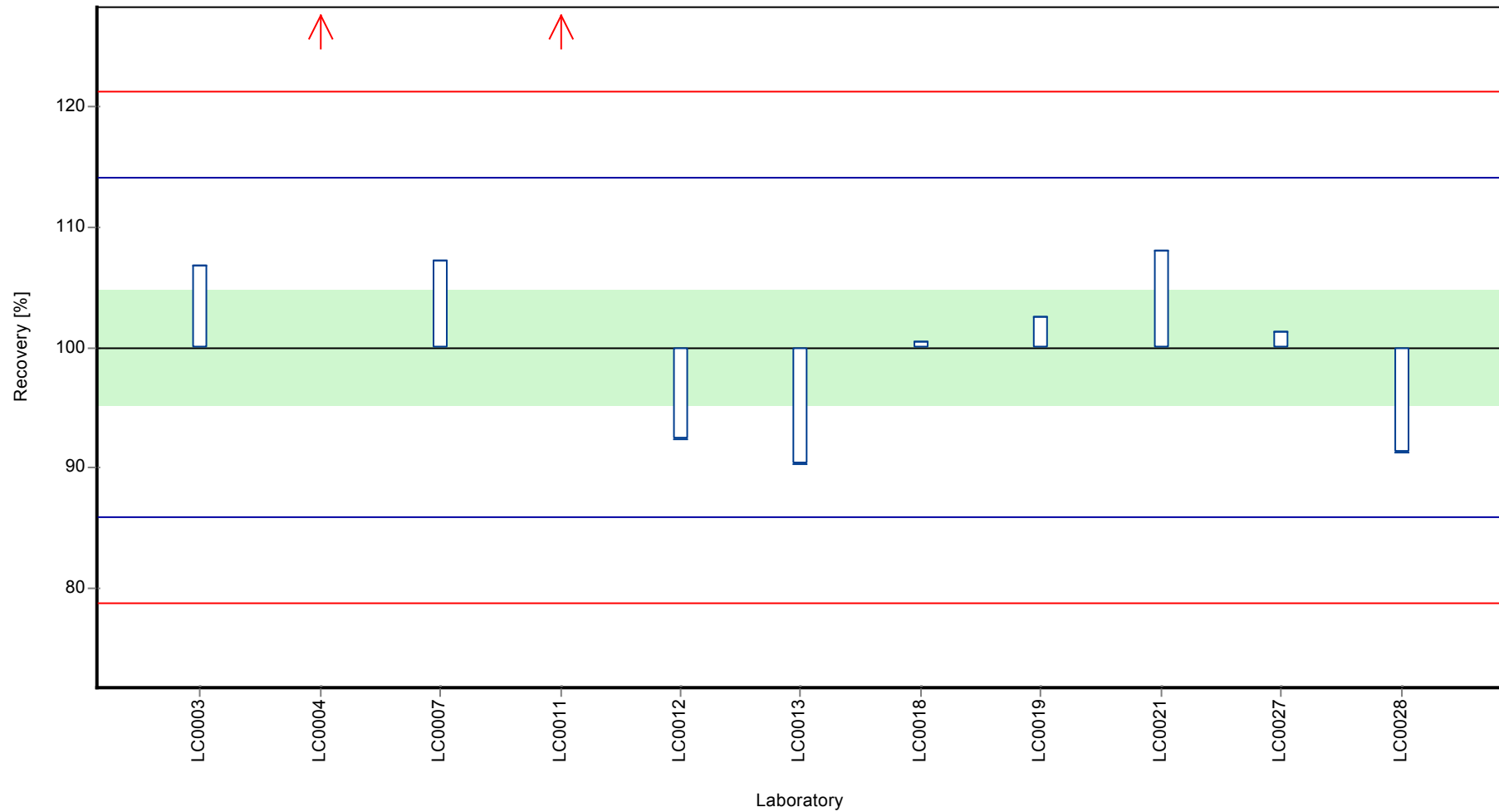
	all results	without outliers	Unit
Mean ± CI (99%)	0.585 ± 0.241	0.491 ± 0.0347	µg/l
Minimum	0.443	0.443	µg/l
Maximum	1.37	0.53	µg/l
Standard deviation	0.266	0.0347	µg/l
rel. Standard deviation	45.5	7.06	%
n	11	9	-

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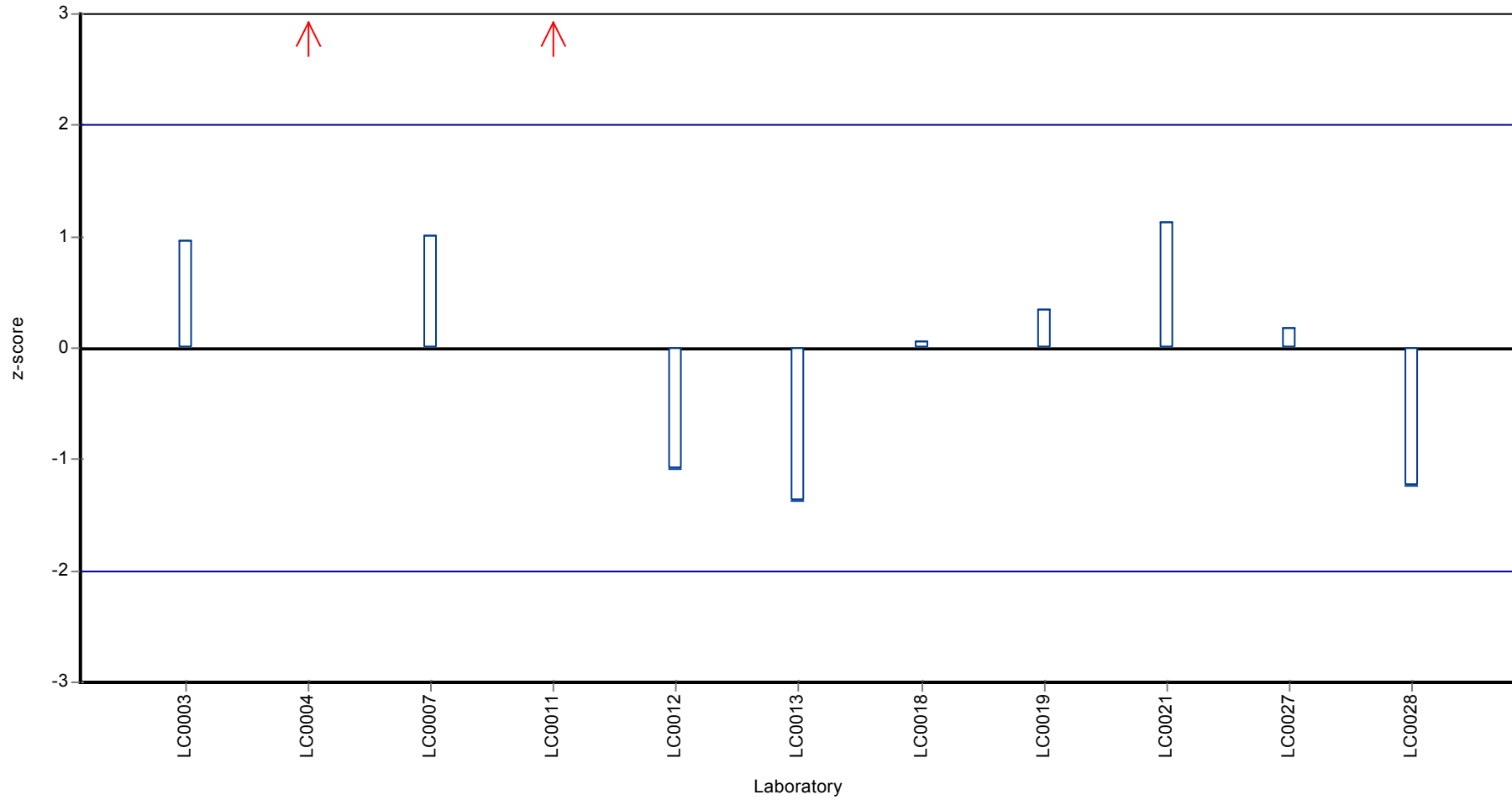
**Graphical presentation of results**  
**Results**



Recovery rate



Z-score



## Parameter oriented report

### H98 B

#### Metazachlor OA

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.0052 - 0.0052
Control test value ± U	<0.025 (LOD)

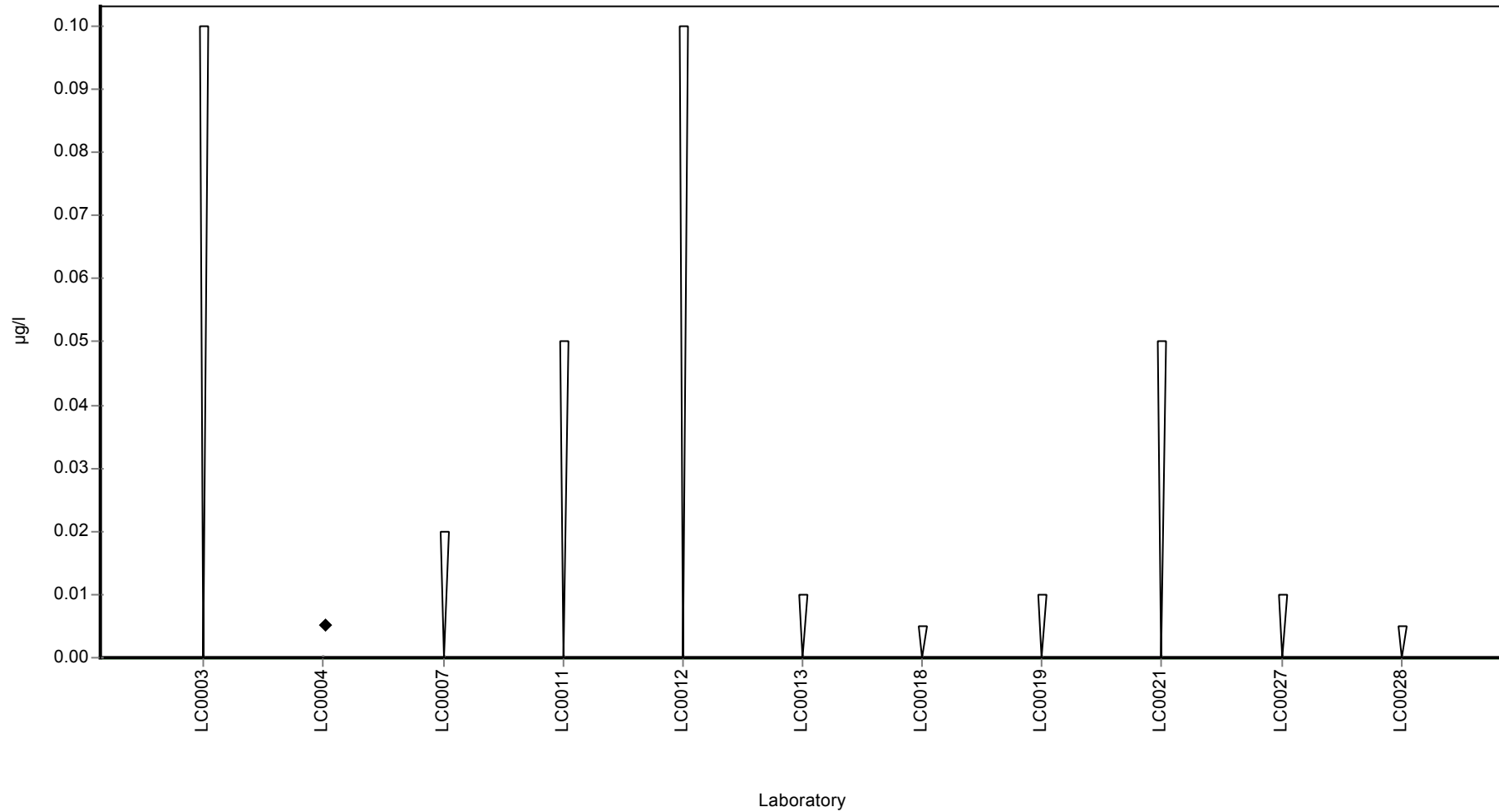
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	< 0.1 (LOQ)	-	-	-	
LC0004	0.0052	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.02 (LOQ)	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	< 0.05 (LOQ)	-	-	-	
LC0012	< 0.1 (LOQ)	-	-	-	
LC0013	< 0.01 (LOQ)	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	<0.005 (LOD)	-	-	-	
LC0019	< 0.01 (LOQ)	-	-	-	
LC0020	-	-	-	-	
LC0021	< 0.05 (LOQ)	-	-	-	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	< 0.01 (LOQ)	-	-	-	
LC0028	< 0.005 (LOQ)	-	-	-	
LC0029	-	-	-	-	
LC0030	-	-	-	-	
LC0031	-	-	-	-	
LC0032	-	-	-	-	

**Characteristics of parameter**

	all results	without outliers	Unit
Mean ± CI (99%)	0.0052	-	µg/l
Minimum	0.0052	0.0052	µg/l
Maximum	0.0052	0.0052	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	1	1	-

Graphical presentation of results

Results



## Parameter oriented report

### H98 A

#### Metazachlor

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

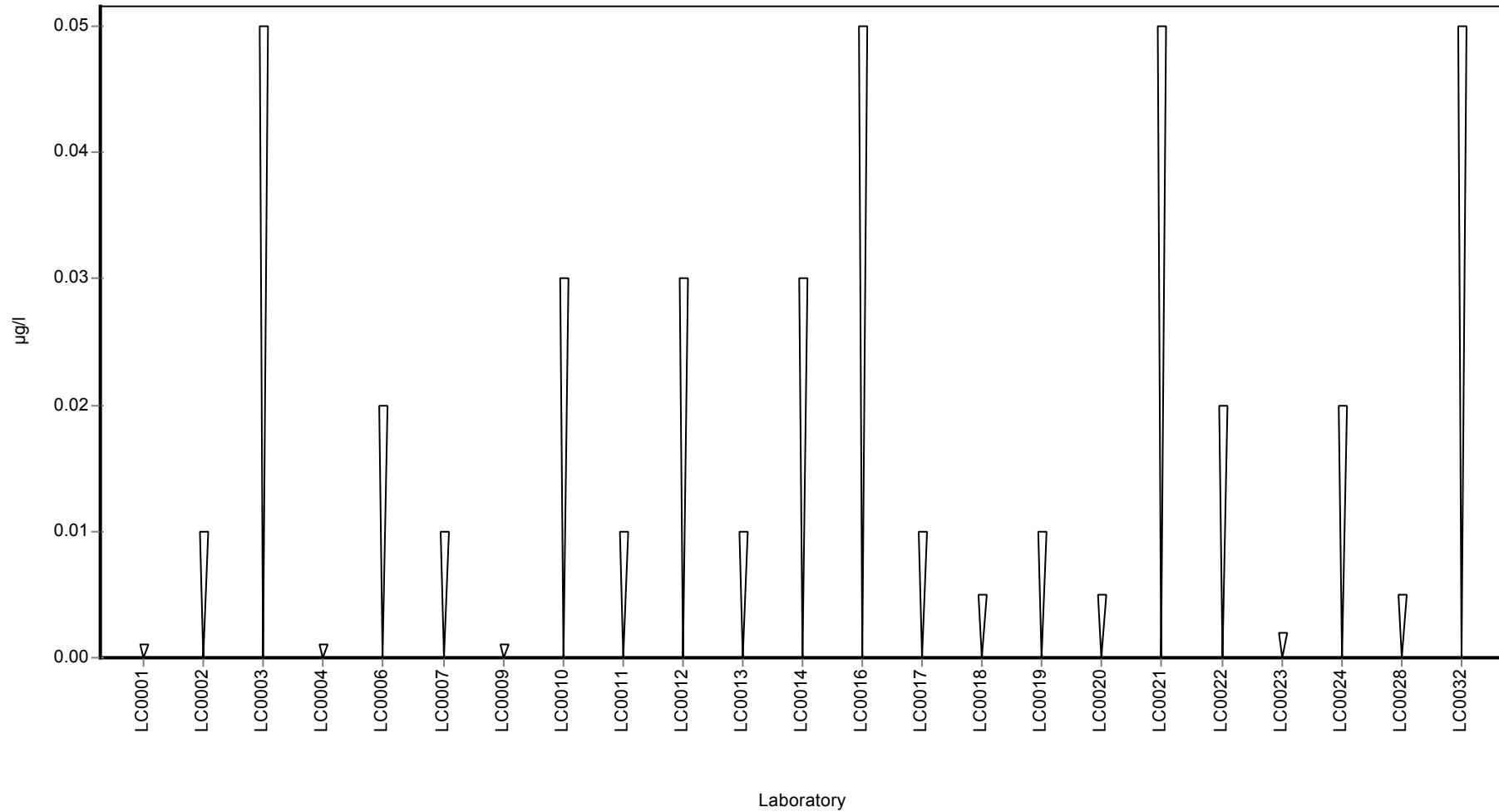
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	<0.001 (LOD)	-	-	-	
LC0002	< 0.01 (LOQ)	-	-	-	
LC0003	< 0.05 (LOQ)	-	-	-	
LC0004	< 0.001 (LOQ)	-	-	-	
LC0005	-	-	-	-	
LC0006	< 0.02 (LOQ)	-	-	-	
LC0007	< 0.01 (LOQ)	-	-	-	
LC0008	-	-	-	-	
LC0009	< 0.001 (LOQ)	-	-	-	
LC0010	< 0.03 (LOQ)	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	< 0.03 (LOQ)	-	-	-	
LC0013	< 0.01 (LOQ)	-	-	-	
LC0014	< 0.03 (LOQ)	-	-	-	
LC0015	-	-	-	-	
LC0016	< 0.05 (LOQ)	-	-	-	
LC0017	<0.01 (LOD)	-	-	-	
LC0018	<0.005 (LOD)	-	-	-	
LC0019	< 0.01 (LOQ)	-	-	-	
LC0020	< 0.005 (LOQ)	-	-	-	
LC0021	< 0.05 (LOQ)	-	-	-	
LC0022	< 0.02 (LOQ)	-	-	-	
LC0023	<0.002 (LOD)	-	-	-	
LC0024	< 0.02 (LOQ)	-	-	-	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	-	-	-	-	
LC0028	< 0.005 (LOQ)	-	-	-	
LC0029	-	-	-	-	
LC0030	-	-	-	-	
LC0031	-	-	-	-	
LC0032	< 0.05 (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

### H98 B

#### Metazachlor

Unit	µg/l
Mean ± CI (99%)	0.447 ± 0.0433
Minimum - Maximum	0.365 - 0.626
Control test value ± U	0.422 ± 0.0218

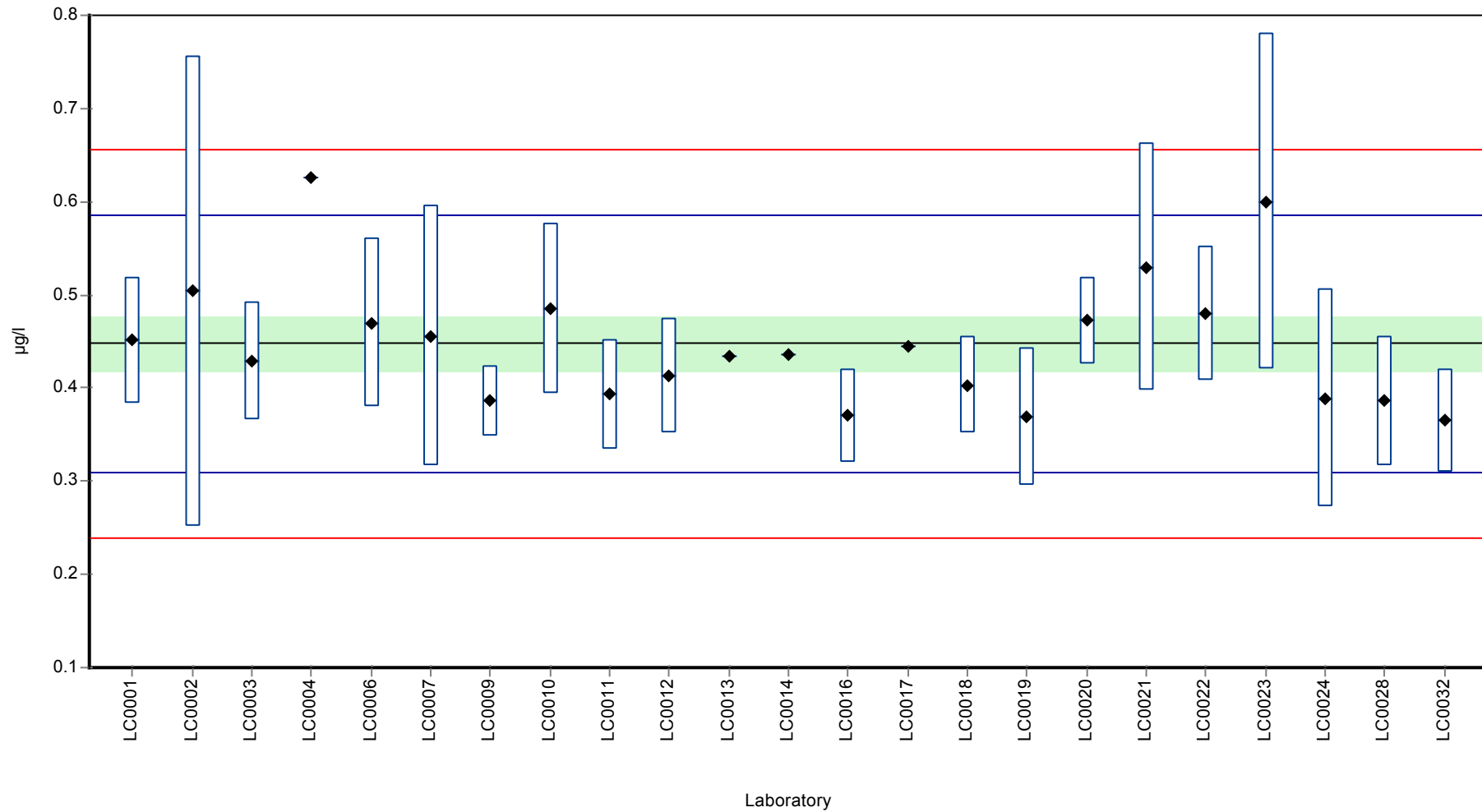
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.451	0.068	101	0.05	
LC0002	0.504	0.252	113	0.82	
LC0003	0.429	0.064	95.9	-0.27	
LC0004	0.626	-	140	2.58	
LC0005	-	-	-	-	
LC0006	0.47	0.09	105	0.33	
LC0007	0.456	0.14	102	0.12	
LC0008	-	-	-	-	
LC0009	0.386	0.038	86.3	-0.89	
LC0010	0.485	0.092	108	0.54	
LC0011	0.393	0.059	87.8	-0.79	
LC0012	0.413	0.06195	92.3	-0.5	
LC0013	0.435	-	97.2	-0.18	
LC0014	0.436	-	97.4	-0.17	
LC0015	-	-	-	-	
LC0016	0.37	0.05	82.7	-1.12	
LC0017	0.444	-	99.2	-0.05	
LC0018	0.403	0.052	90.1	-0.64	
LC0019	0.369	0.074	82.5	-1.13	
LC0020	0.472	0.047	105	0.35	
LC0021	0.53	0.133	118	1.19	
LC0022	0.48	0.072	107	0.47	
LC0023	0.6	0.18	134	2.2	
LC0024	0.389	0.117	86.9	-0.84	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	-	-	-	-	
LC0028	0.386	0.069	86.3	-0.89	
LC0029	-	-	-	-	
LC0030	-	-	-	-	
LC0031	-	-	-	-	
LC0032	0.365	0.055	81.6	-1.19	

**Characteristics of parameter**

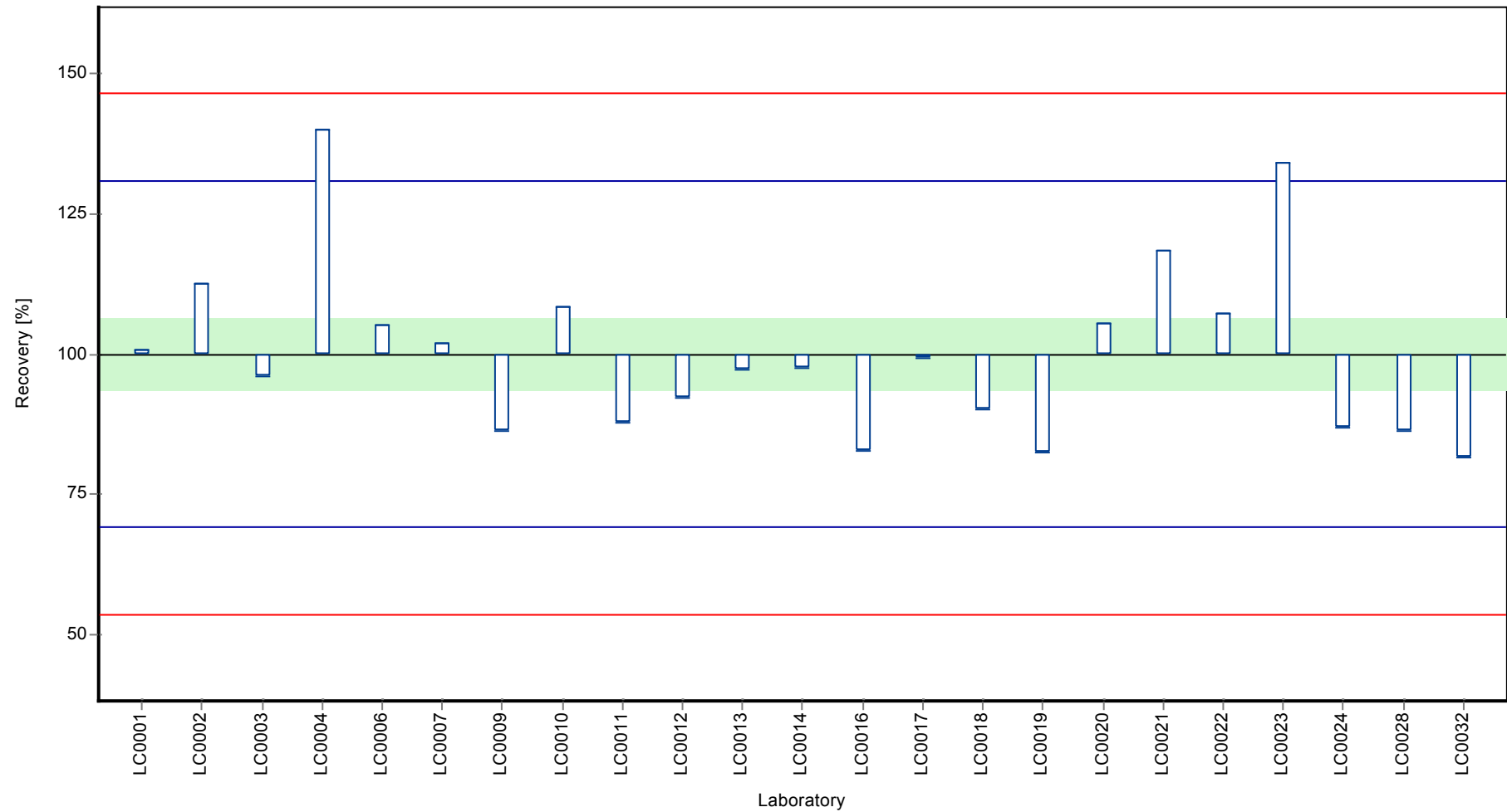
	all results	without outliers	Unit
Mean ± CI (99%)	0.447 ± 0.0433	0.447 ± 0.0433	µg/l
Minimum	0.365	0.365	µg/l
Maximum	0.626	0.626	µg/l
Standard deviation	0.0693	0.0693	µg/l
rel. Standard deviation	15.5	15.5	%
n	23	23	-

Graphical presentation of results

Results



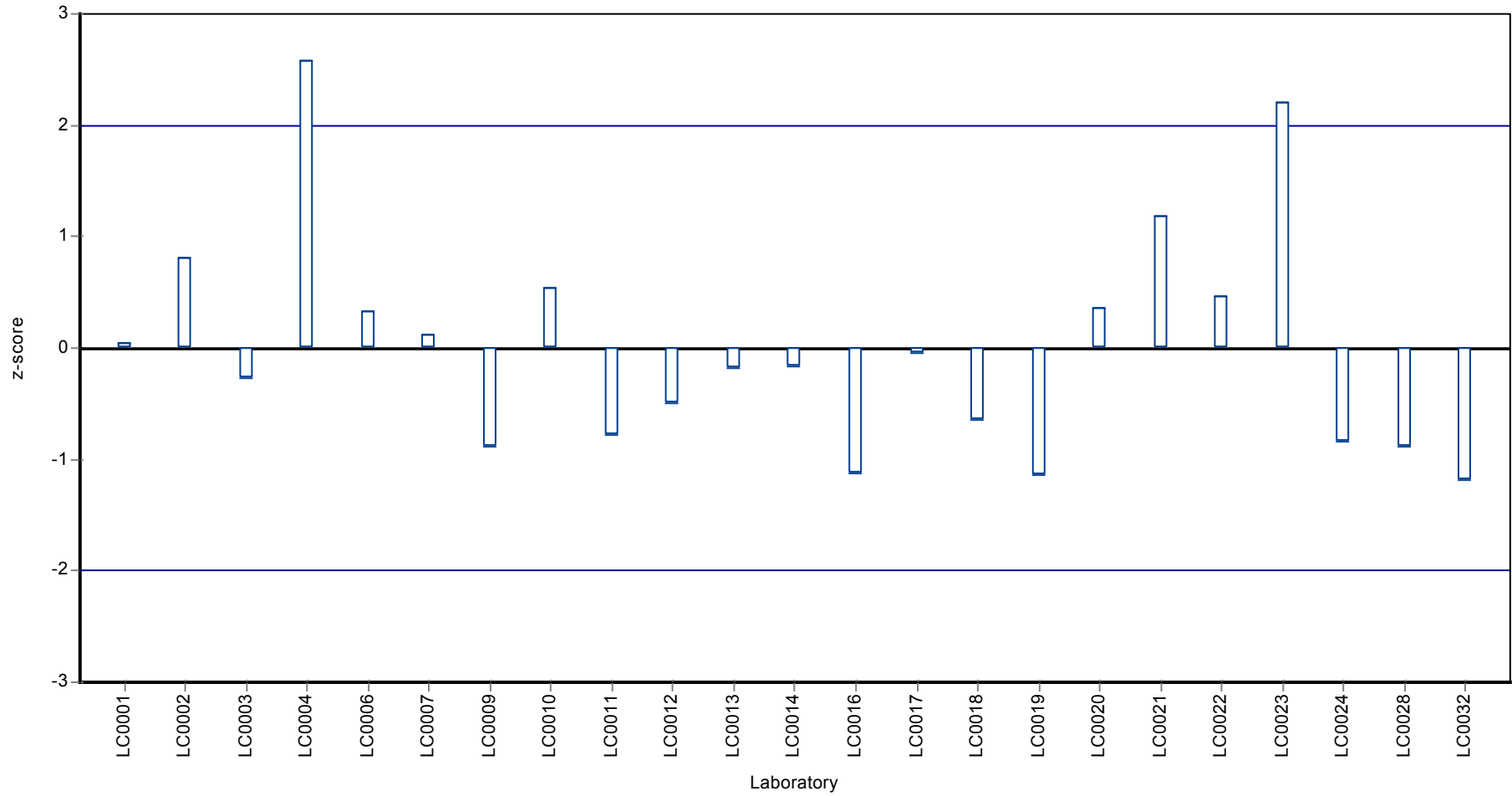
Recovery rate



Parameter oriented report Pesticides H98

Sample: H98B, Parameter: Metazachlor

Z-score



## Parameter oriented report

### H98 A

#### Metolachlor

Unit	µg/l
Mean ± CI (99%)	0.18 ± 0.0231
Minimum - Maximum	0.116 - 0.27
Control test value ± U	0.182 ± 0.0046

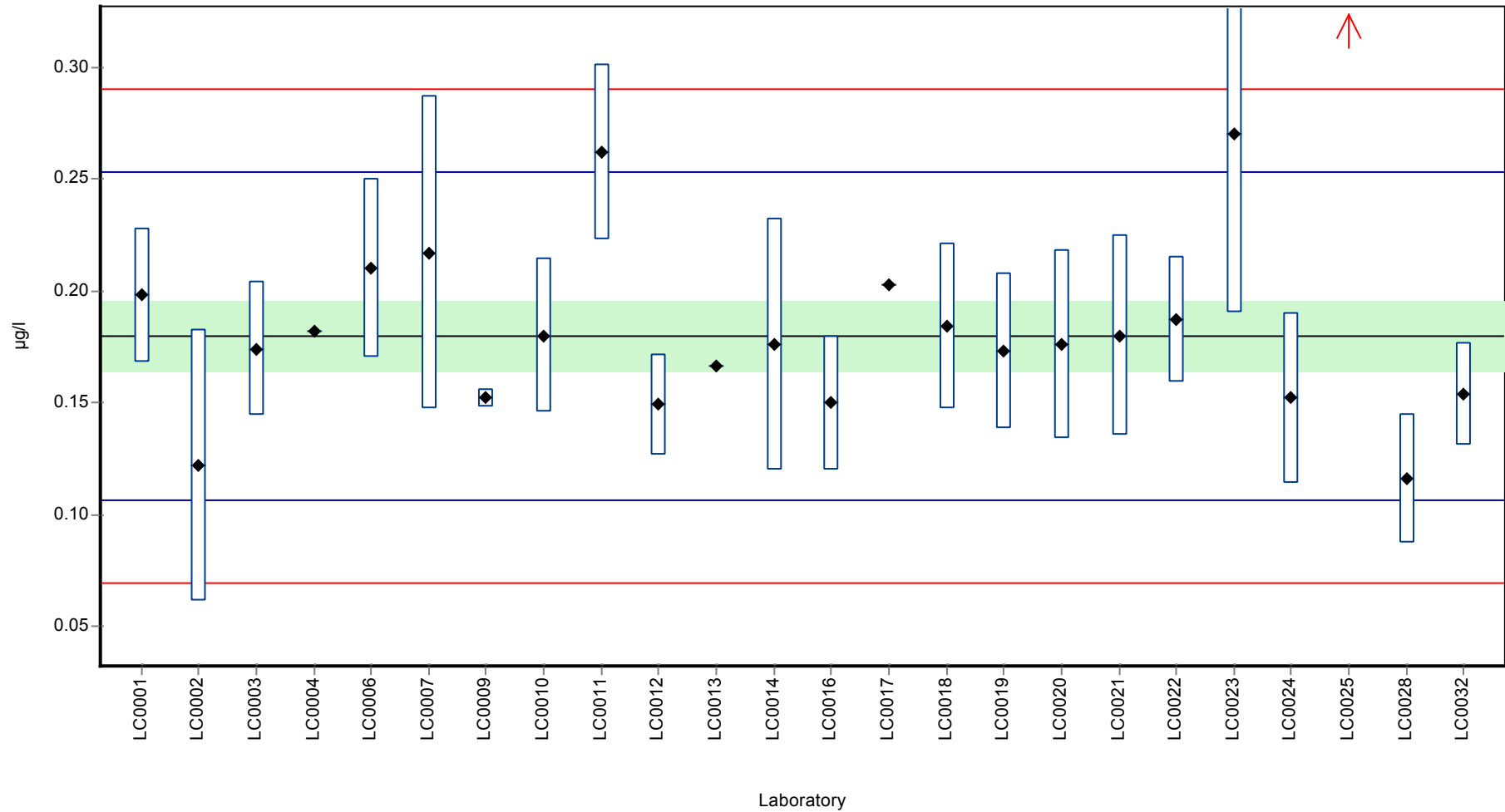
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.198	0.03	110	0.5	
LC0002	0.122	0.061	67.9	-1.57	
LC0003	0.174	0.03	96.8	-0.15	
LC0004	0.182	-	101	0.06	
LC0005	-	-	-	-	
LC0006	0.21	0.04	117	0.82	
LC0007	0.217	0.07	121	1.01	
LC0008	-	-	-	-	
LC0009	0.152	0.004	84.6	-0.75	
LC0010	0.18	0.0342	100	0.01	
LC0011	0.262	0.039	146	2.23	
LC0012	0.149	0.02235	82.9	-0.83	
LC0013	0.166	-	92.4	-0.37	
LC0014	0.176	0.056	97.9	-0.1	
LC0015	-	-	-	-	
LC0016	0.15	0.03	83.5	-0.81	
LC0017	0.203	-	113	0.63	
LC0018	0.184	0.037	102	0.12	
LC0019	0.173	0.035	96.3	-0.18	
LC0020	0.176	0.042	97.9	-0.1	
LC0021	0.18	0.045	100	0.01	
LC0022	0.187	0.028	104	0.2	
LC0023	0.27	0.08	150	2.45	
LC0024	0.152	0.038	84.6	-0.75	
LC0025	0.37	0.11	206	5.16	H
LC0026	-	-	-	-	
LC0027	-	-	-	-	
LC0028	0.116	0.029	64.6	-1.73	
LC0029	-	-	-	-	
LC0030	-	-	-	-	
LC0031	-	-	-	-	
LC0032	0.154	0.023	85.7	-0.7	



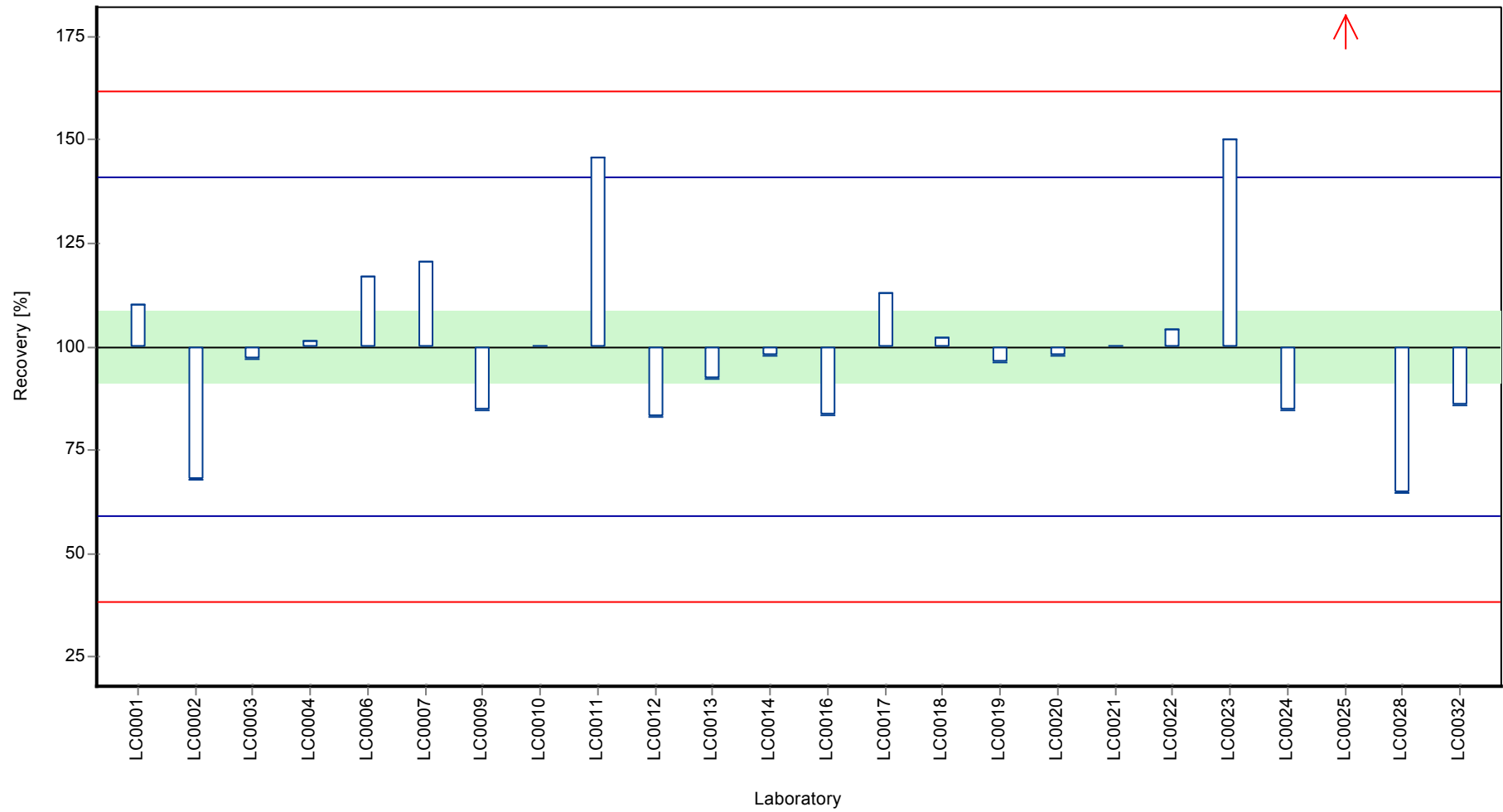
**Characteristics of parameter**

	all results	without outliers	Unit
Mean ± CI (99%)	0.188 ± 0.0325	0.18 ± 0.0231	µg/l
Minimum	0.116	0.116	µg/l
Maximum	0.37	0.27	µg/l
Standard deviation	0.053	0.0369	µg/l
rel. Standard deviation	28.2	20.5	%
n	24	23	-

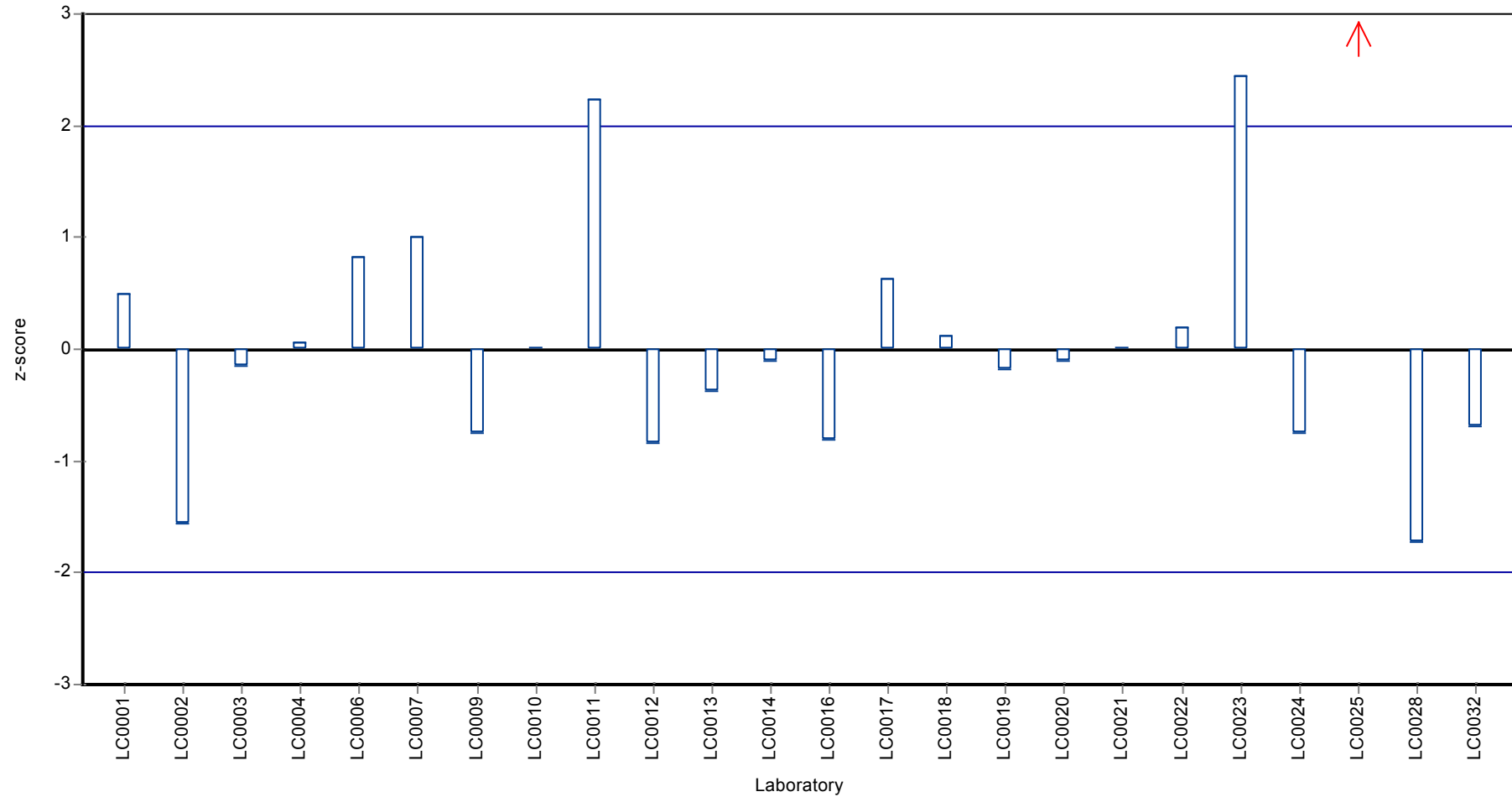
Graphical presentation of results  
Results



Recovery rate



Z-score



## Parameter oriented report

### H98 B

#### Metolachlor

Unit	µg/l
Mean ± CI (99%)	0.596 ± 0.0657
Minimum - Maximum	0.402 - 0.788
Control test value ± U	0.601 ± 0.00543

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.675	0.1	113	0.75	
LC0002	0.455	0.227	76.3	-1.35	
LC0003	0.553	0.083	92.7	-0.41	
LC0004	0.61	-	102	0.13	
LC0005	-	-	-	-	
LC0006	0.75	0.15	126	1.46	
LC0007	0.725	0.22	122	1.22	
LC0008	-	-	-	-	
LC0009	0.488	0.014	81.8	-1.03	
LC0010	0.65	0.124	109	0.51	
LC0011	0.698	0.105	117	0.97	
LC0012	0.504	0.0756	84.5	-0.88	
LC0013	0.535	-	89.7	-0.58	
LC0014	0.541	0.173	90.7	-0.53	
LC0015	-	-	-	-	
LC0016	0.49	0.08	82.2	-1.01	
LC0017	0.724	-	121	1.22	
LC0018	0.788	0.117	132	1.82	
LC0019	0.526	0.105	88.2	-0.67	
LC0020	0.598	0.144	100	0.02	
LC0021	0.6	0.15	101	0.03	
LC0022	0.643	0.096	108	0.44	
LC0023	0.67	0.2	112	0.7	
LC0024	0.462	0.116	77.5	-1.28	
LC0025	0.63	0.19	106	0.32	
LC0026	-	-	-	-	
LC0027	-	-	-	-	
LC0028	0.402	0.101	67.4	-1.85	
LC0029	-	-	-	-	
LC0030	-	-	-	-	
LC0031	-	-	-	-	
LC0032	1.312	0.197	220	6.82	H

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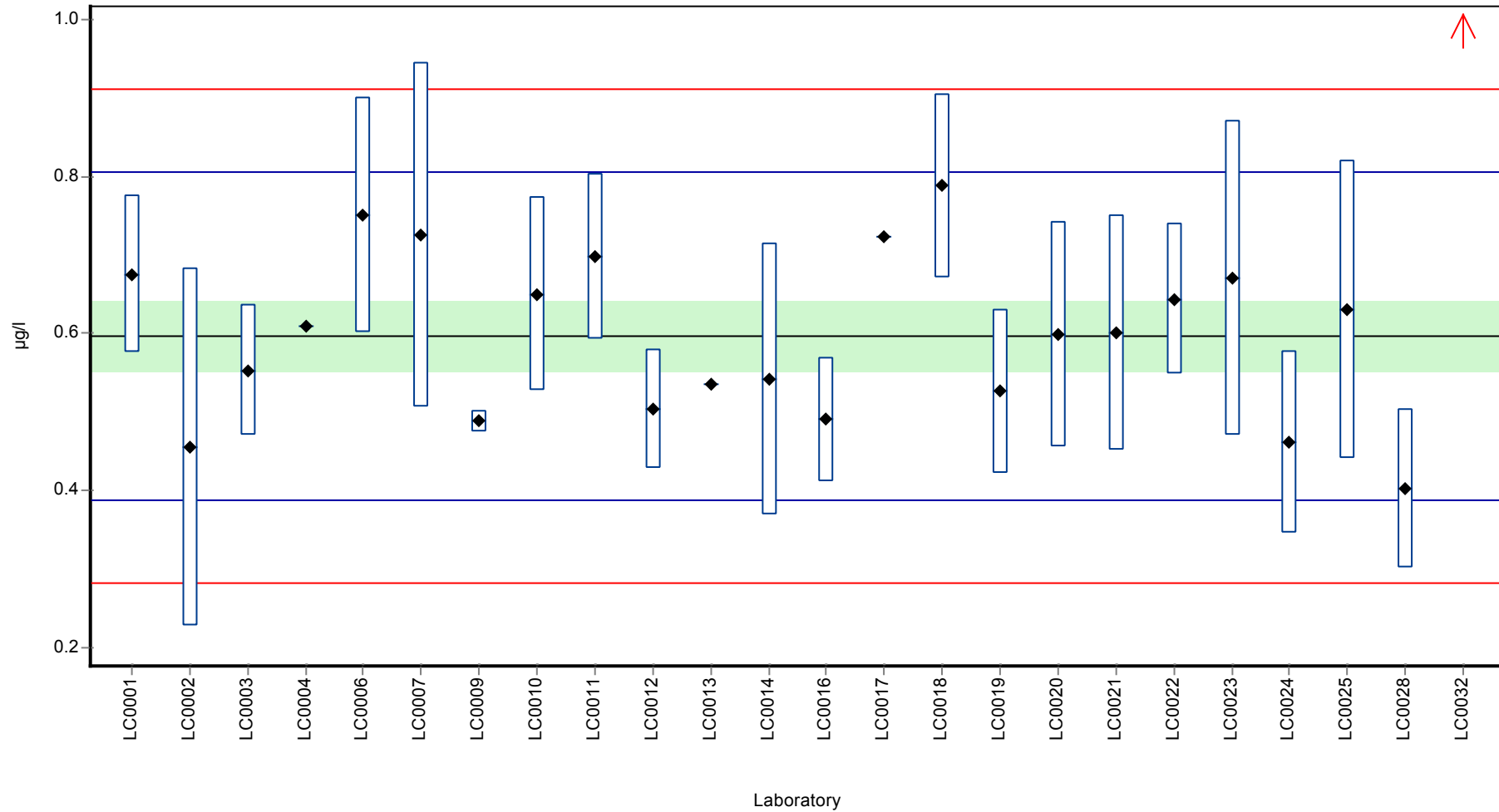
**Characteristics of parameter**

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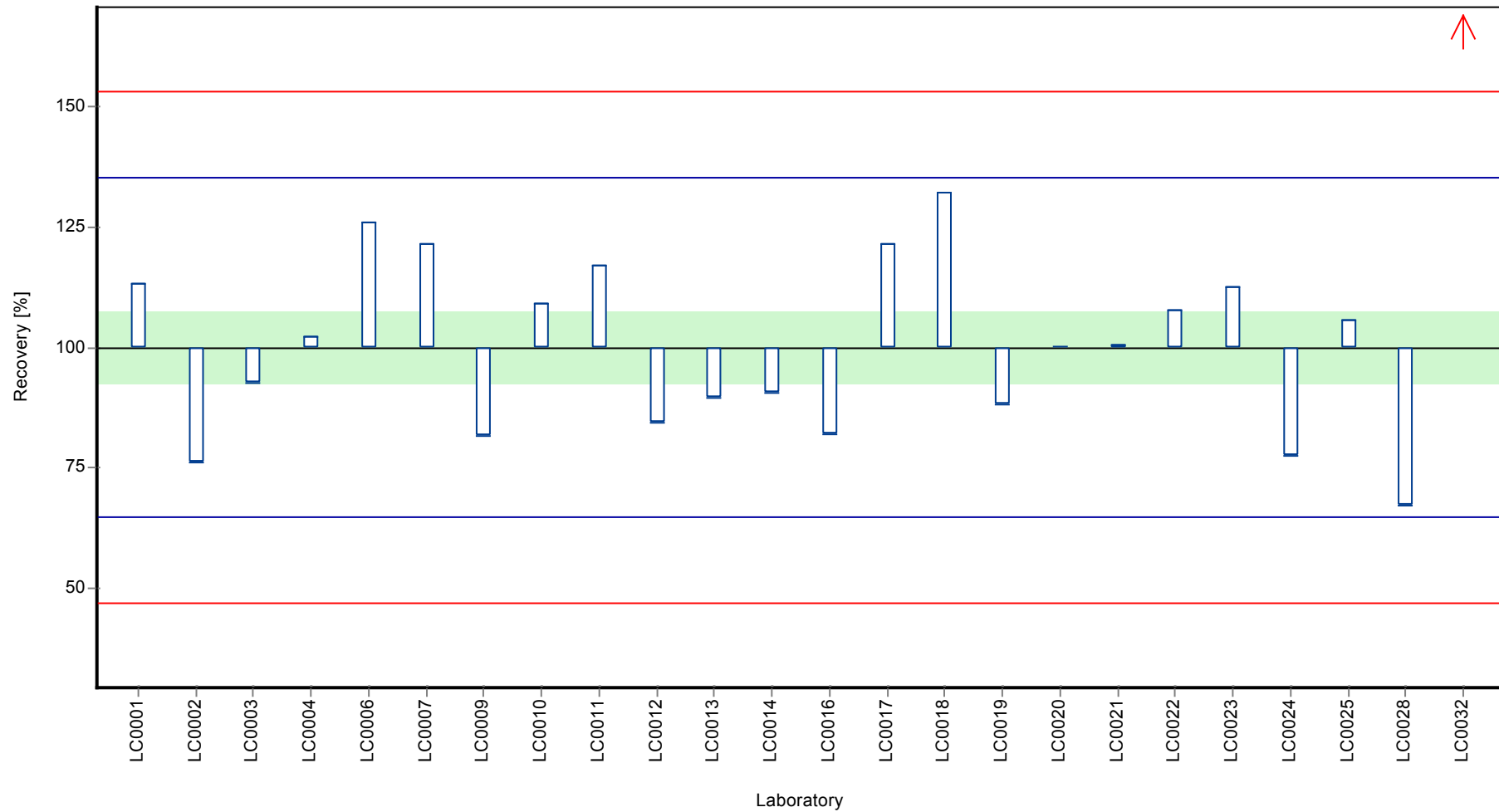
	all results	without outliers	Unit
Mean ± CI (99%)	0.626 ± 0.109	0.596 ± 0.0657	µg/l
Minimum	0.402	0.402	µg/l
Maximum	1.31	0.788	µg/l
Standard deviation	0.179	0.105	µg/l
rel. Standard deviation	28.5	17.6	%
n	24	23	-

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Graphical presentation of results  
Results

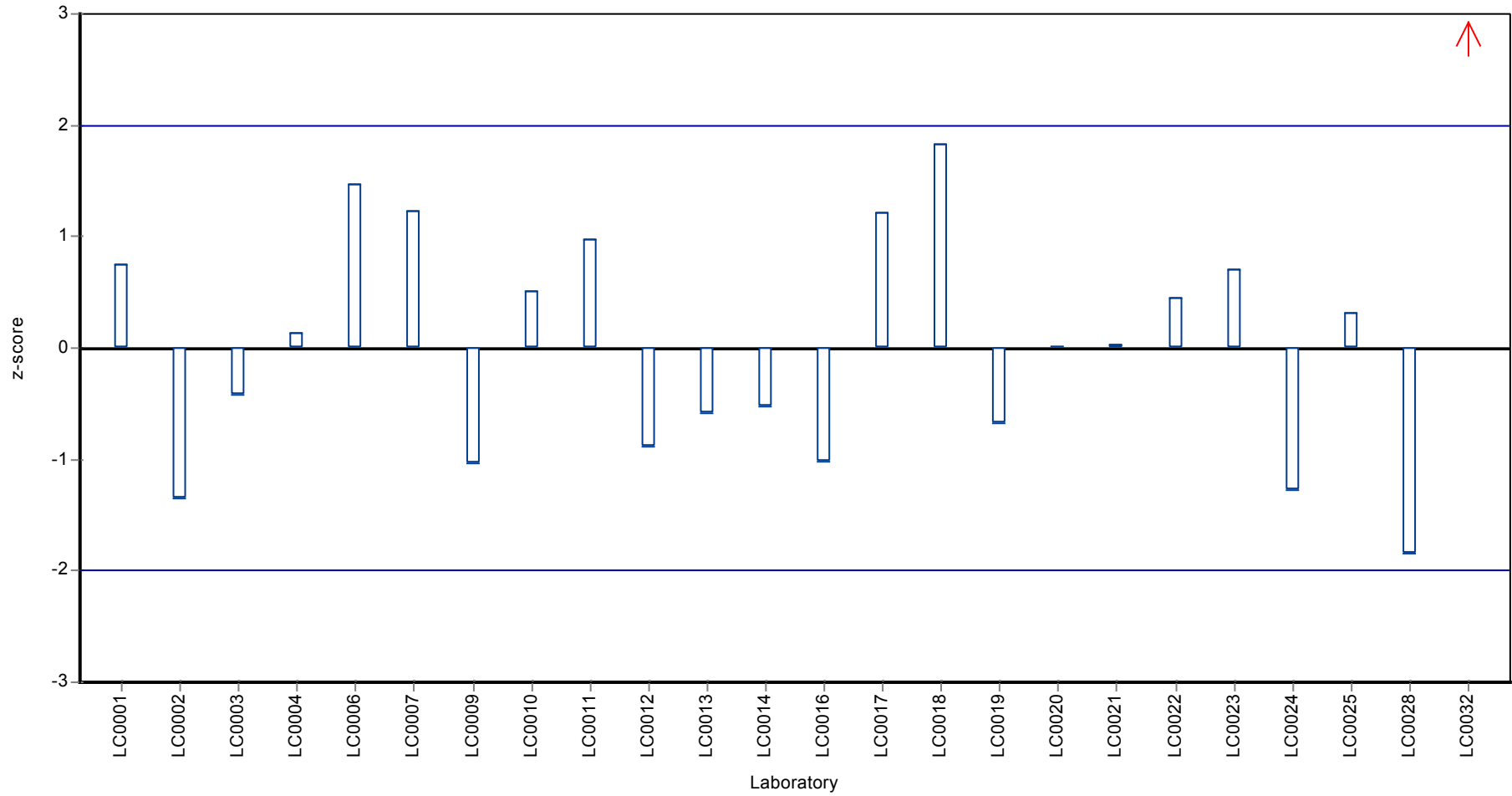


Recovery rate





Z-score



## Parameter oriented report

### H98 A

#### Metolachlor ESA

Unit	µg/l
Mean ± CI (99%)	0.861 ± 0.0692
Minimum - Maximum	0.703 - 1.06
Control test value ± U	0.79 ± 0.0478

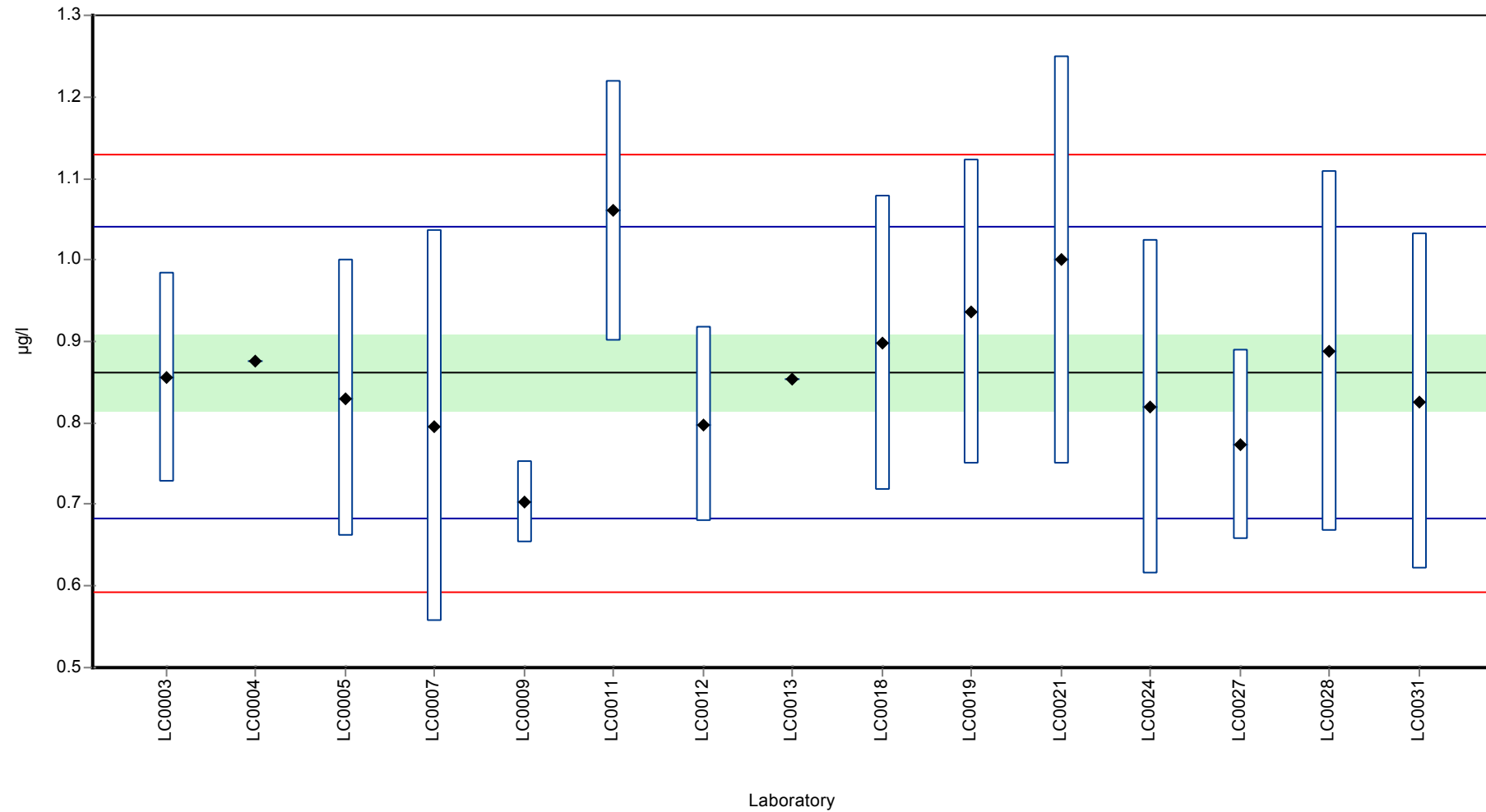
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.856	0.128	99.4	-0.06	
LC0004	0.876	-	102	0.17	
LC0005	0.83	0.17	96.4	-0.35	
LC0006	-	-	-	-	
LC0007	0.796	0.24	92.5	-0.73	
LC0008	-	-	-	-	
LC0009	0.703	0.051	81.6	-1.77	
LC0010	-	-	-	-	
LC0011	1.06	0.159	123	2.23	
LC0012	0.798	0.1197	92.7	-0.7	
LC0013	0.854	-	99.2	-0.08	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	0.898	0.18	104	0.41	
LC0019	0.937	0.187	109	0.85	
LC0020	-	-	-	-	
LC0021	1	0.25	116	1.56	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	0.82	0.205	95.2	-0.46	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	0.773	0.116	89.8	-0.98	
LC0028	0.888	0.222	103	0.3	
LC0029	-	-	-	-	
LC0030	-	-	-	-	
LC0031	0.826	0.206	95.9	-0.39	
LC0032	-	-	-	-	

**Characteristics of parameter**

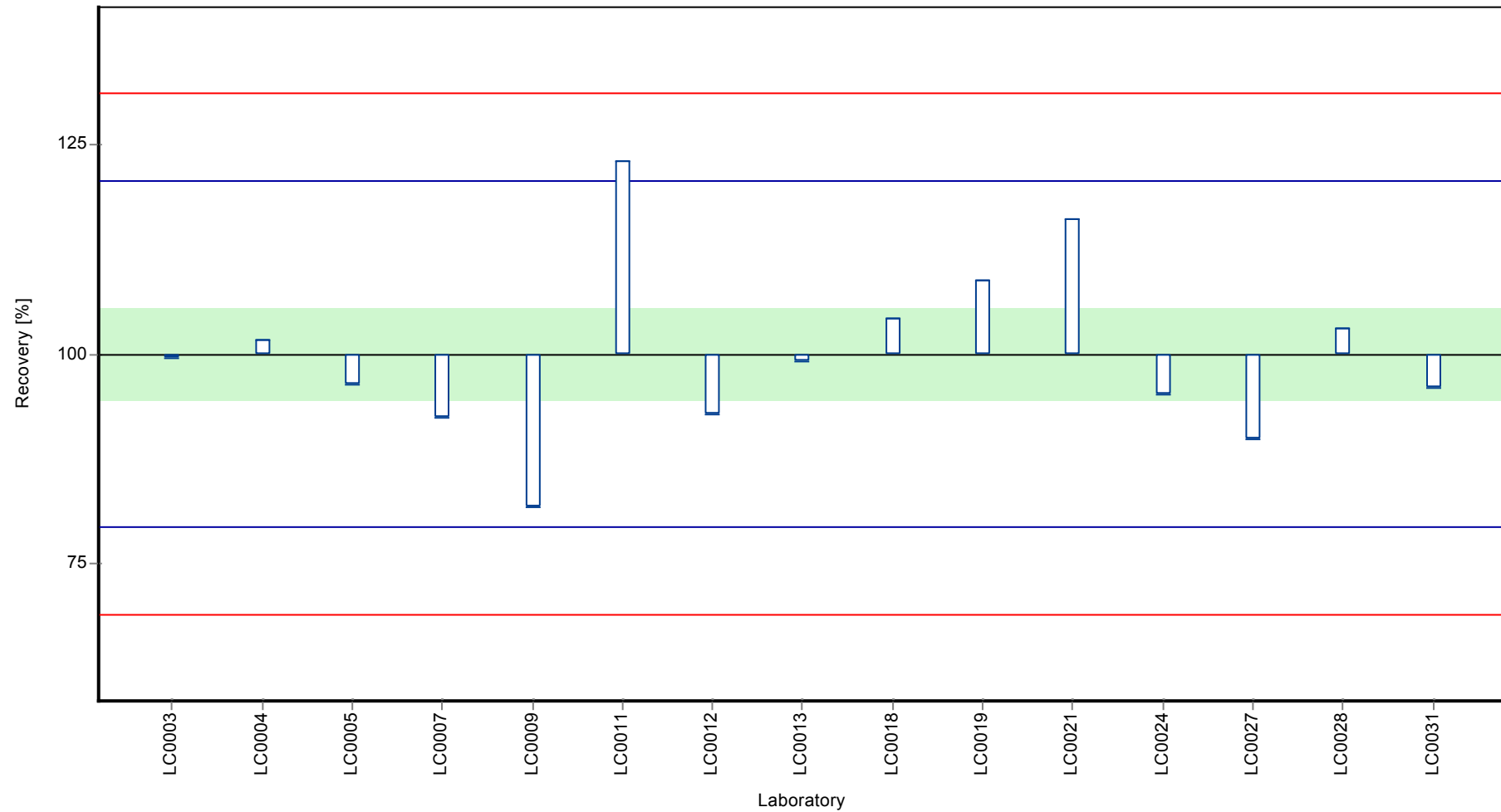
	all results	without outliers	Unit
Mean ± CI (99%)	0.861 ± 0.0692	0.861 ± 0.0692	µg/l
Minimum	0.703	0.703	µg/l
Maximum	1.06	1.06	µg/l
Standard deviation	0.0894	0.0894	µg/l
rel. Standard deviation	10.4	10.4	%
n	15	15	-

Graphical presentation of results

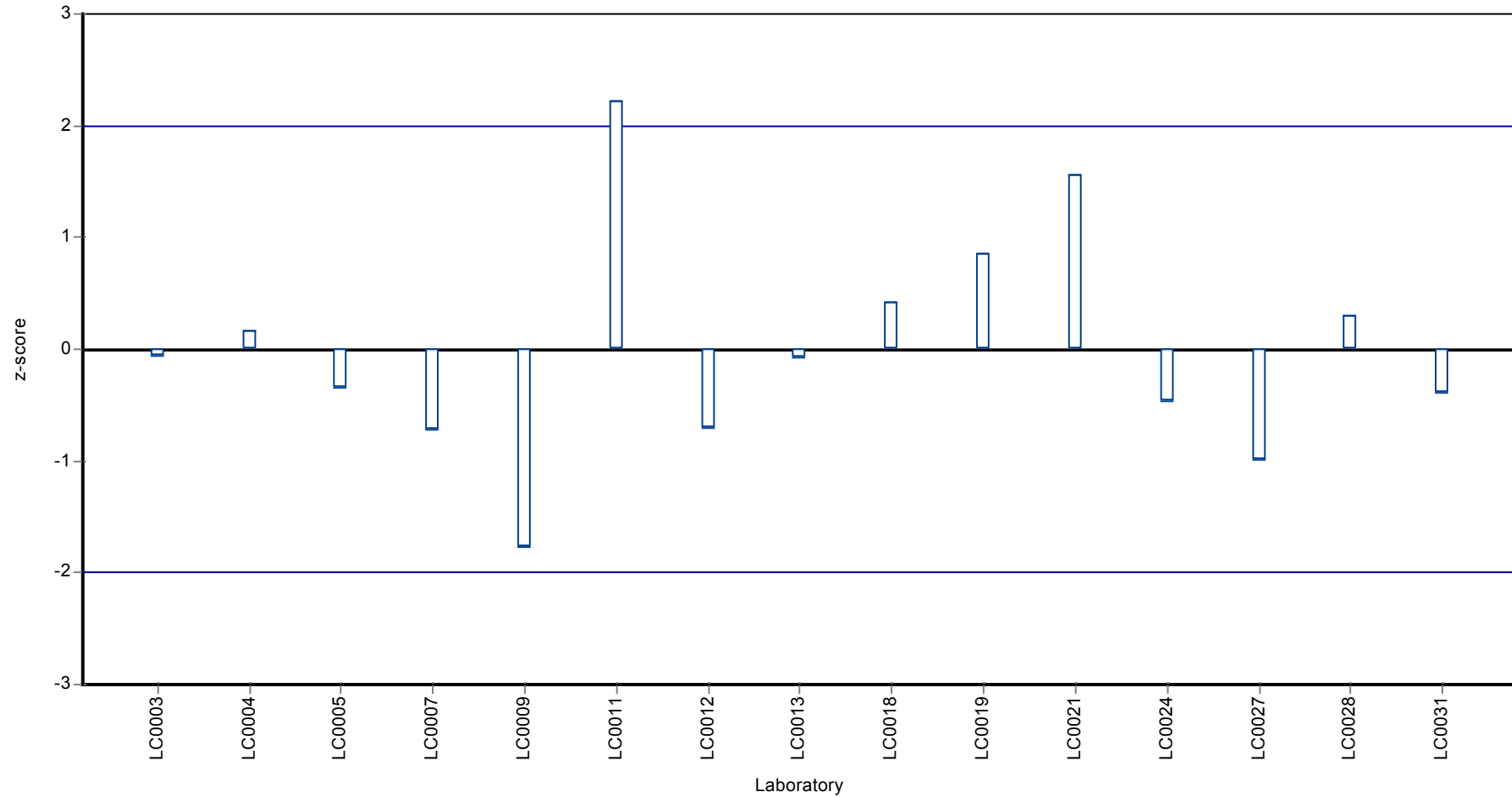
Results



Recovery rate



Z-score



## Parameter oriented report

### H98 B

#### Metolachlor ESA

Unit	µg/l
Mean ± CI (99%)	0.243 ± 0.0185
Minimum - Maximum	0.199 - 0.282
Control test value ± U	0.249 ± 0.0183

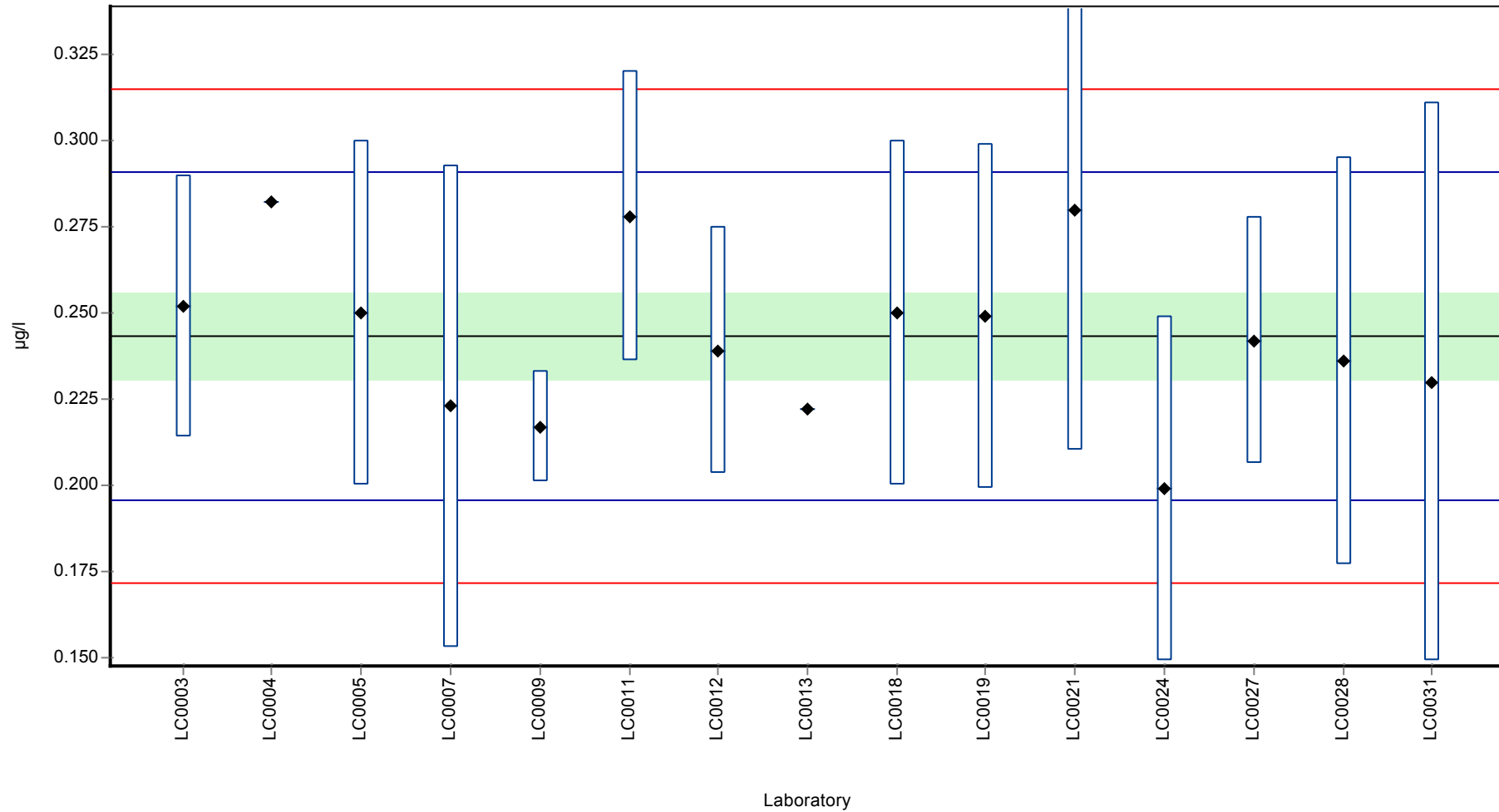
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.252	0.038	104	0.36	
LC0004	0.282	-	116	1.62	
LC0005	0.25	0.05	103	0.28	
LC0006	-	-	-	-	
LC0007	0.223	0.07	91.7	-0.85	
LC0008	-	-	-	-	
LC0009	0.217	0.016	89.2	-1.1	
LC0010	-	-	-	-	
LC0011	0.278	0.042	114	1.45	
LC0012	0.239	0.03585	98.2	-0.18	
LC0013	0.222	-	91.3	-0.89	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	0.25	0.05	103	0.28	
LC0019	0.249	0.05	102	0.24	
LC0020	-	-	-	-	
LC0021	0.28	0.07	115	1.54	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	0.199	0.05	81.8	-1.85	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	0.242	0.036	99.5	-0.05	
LC0028	0.236	0.059	97	-0.3	
LC0029	-	-	-	-	
LC0030	-	-	-	-	
LC0031	0.23	0.081	94.5	-0.55	
LC0032	-	-	-	-	

**Characteristics of parameter**

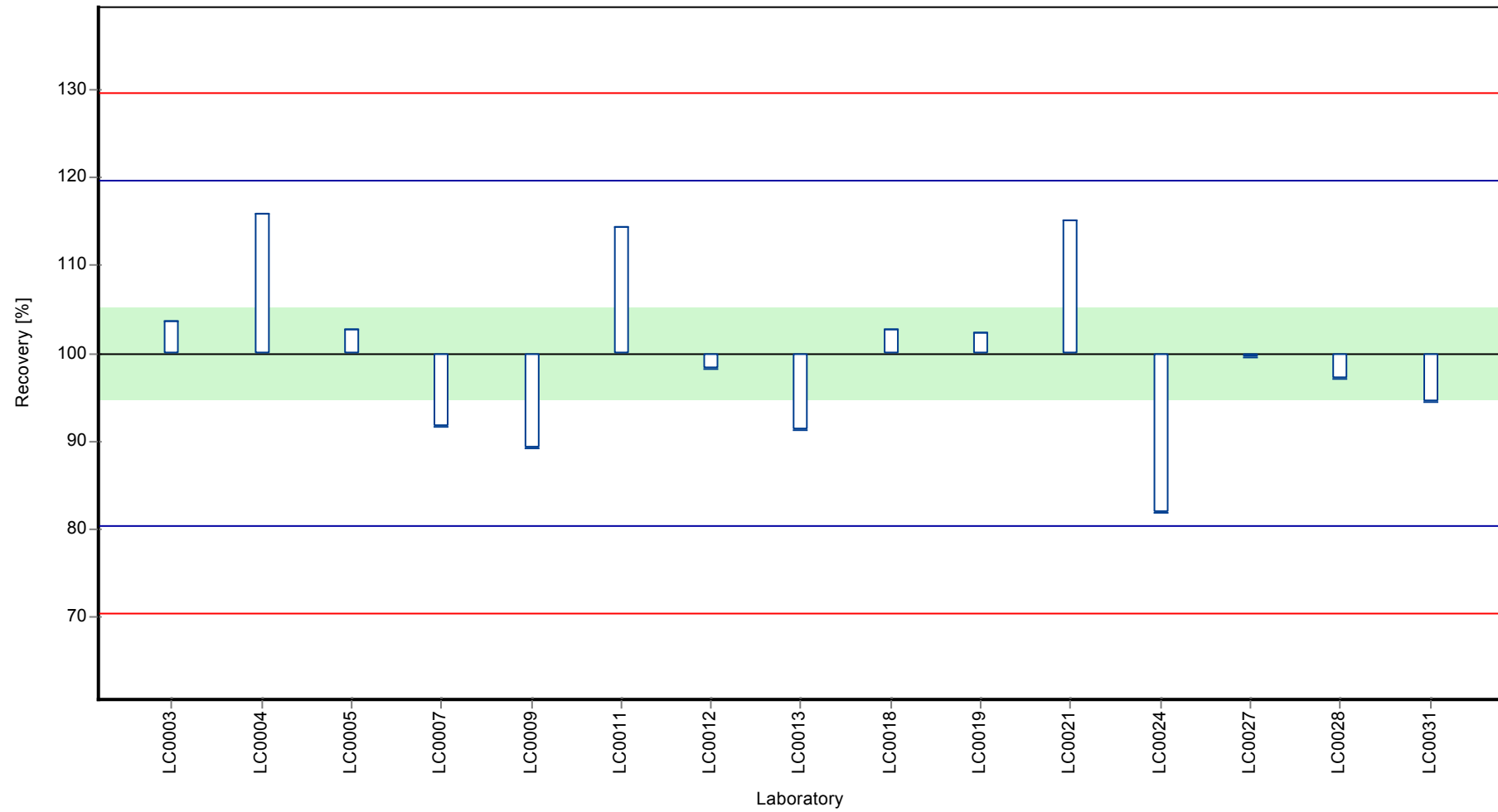
	all results	without outliers	Unit
Mean ± CI (99%)	0.243 ± 0.0185	0.243 ± 0.0185	µg/l
Minimum	0.199	0.199	µg/l
Maximum	0.282	0.282	µg/l
Standard deviation	0.0239	0.0239	µg/l
rel. Standard deviation	9.84	9.84	%
n	15	15	-



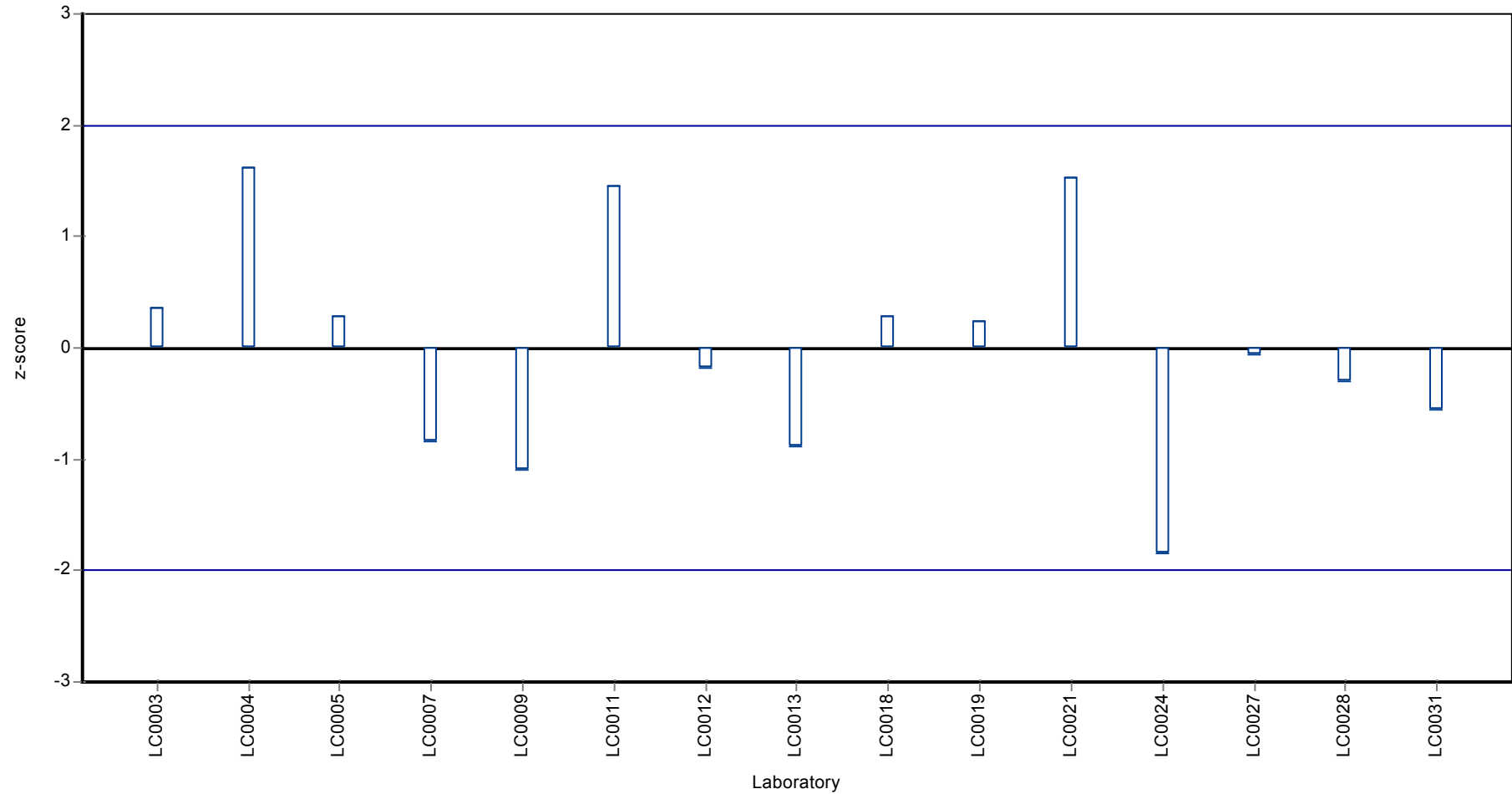
**Graphical presentation of results**  
**Results**



Recovery rate



Z-score



## Parameter oriented report

### H98 A

#### Metolachlor OA

Unit	µg/l
Mean ± CI (99%)	0.296 ± 0.0356
Minimum - Maximum	0.221 - 0.353
Control test value ± U	0.249 ± 0.00834

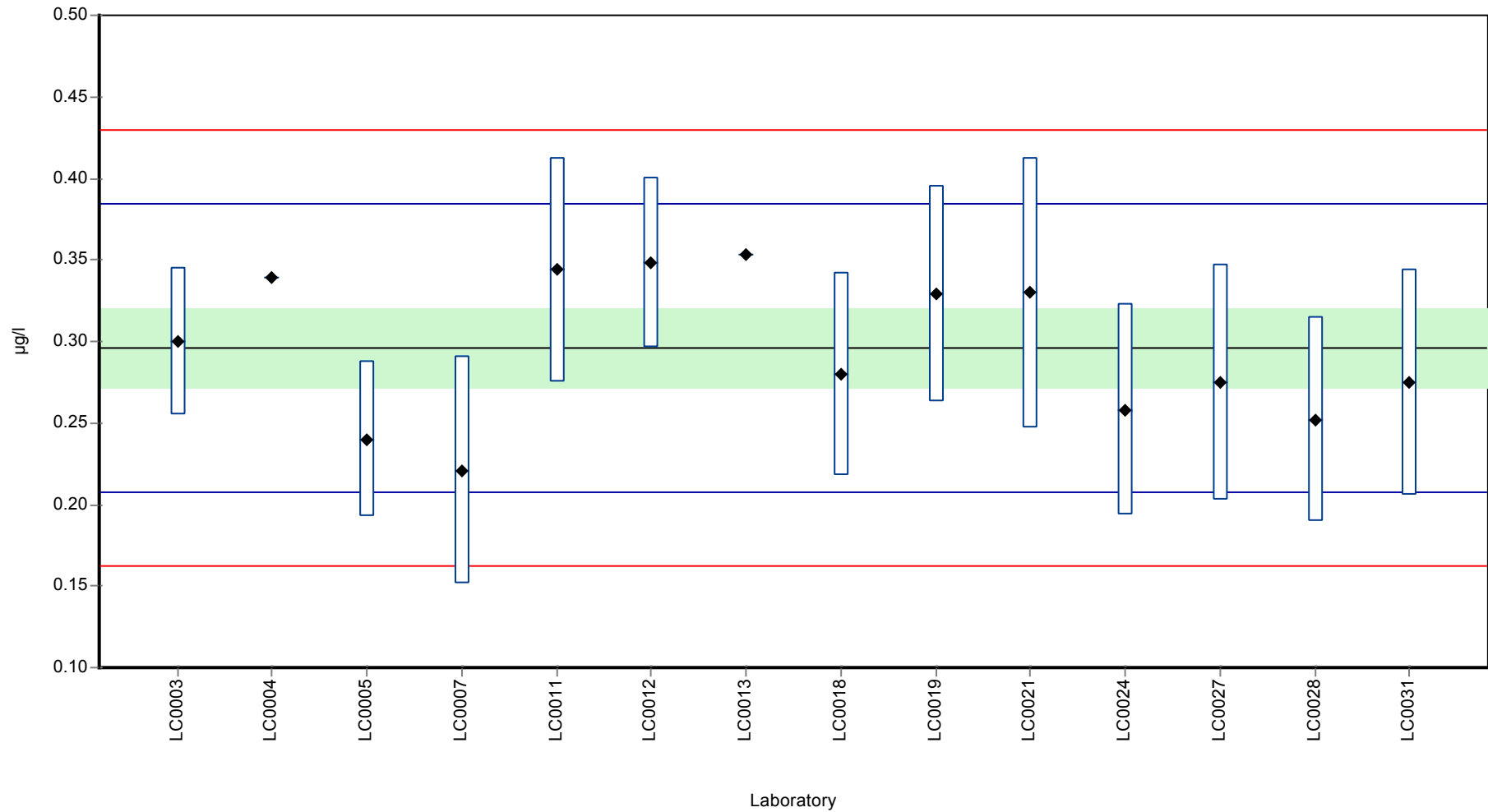
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.3	0.045	101	0.09	
LC0004	0.339	-	115	0.97	
LC0005	0.24	0.048	81.1	-1.26	
LC0006	-	-	-	-	
LC0007	0.221	0.07	74.7	-1.69	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.344	0.069	116	1.08	
LC0012	0.348	0.0522	118	1.17	
LC0013	0.353	-	119	1.28	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	0.28	0.062	94.6	-0.36	
LC0019	0.329	0.066	111	0.74	
LC0020	-	-	-	-	
LC0021	0.33	0.083	111	0.77	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	0.258	0.065	87.2	-0.86	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	0.275	0.072	92.9	-0.47	
LC0028	0.252	0.063	85.1	-0.99	
LC0029	-	-	-	-	
LC0030	-	-	-	-	
LC0031	0.275	0.069	92.9	-0.47	
LC0032	-	-	-	-	

**Characteristics of parameter**

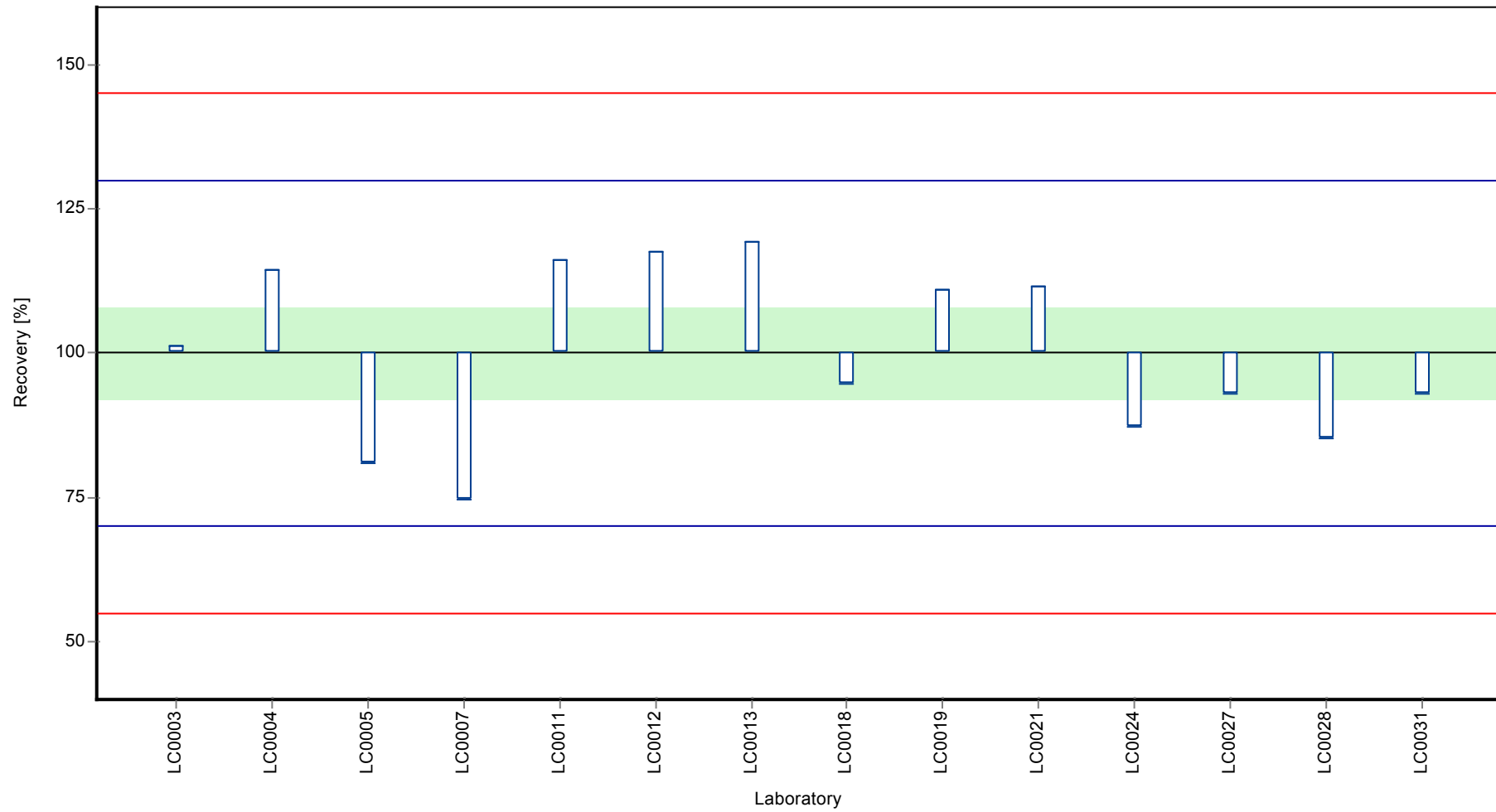
	all results	without outliers	Unit
Mean ± CI (99%)	0.296 ± 0.0356	0.296 ± 0.0356	µg/l
Minimum	0.221	0.221	µg/l
Maximum	0.353	0.353	µg/l
Standard deviation	0.0444	0.0444	µg/l
rel. Standard deviation	15	15	%
n	14	14	-

Graphical presentation of results

Results



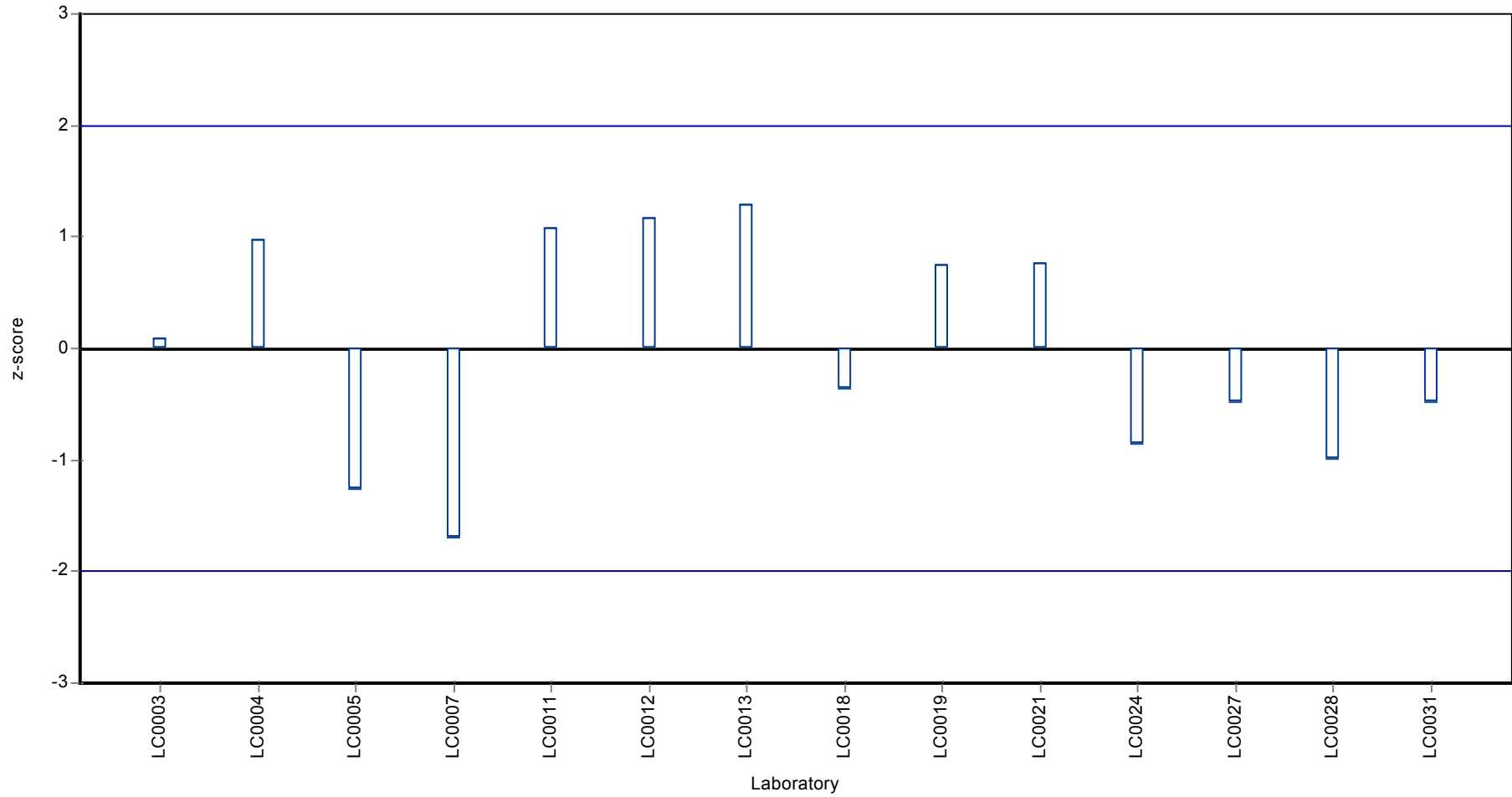
**Recovery rate**



Parameter oriented report Pesticides H98

Sample: H98A, Parameter: Metolachlor OA

Z-score





## Parameter oriented report

### H98 B

#### Metolachlor OA

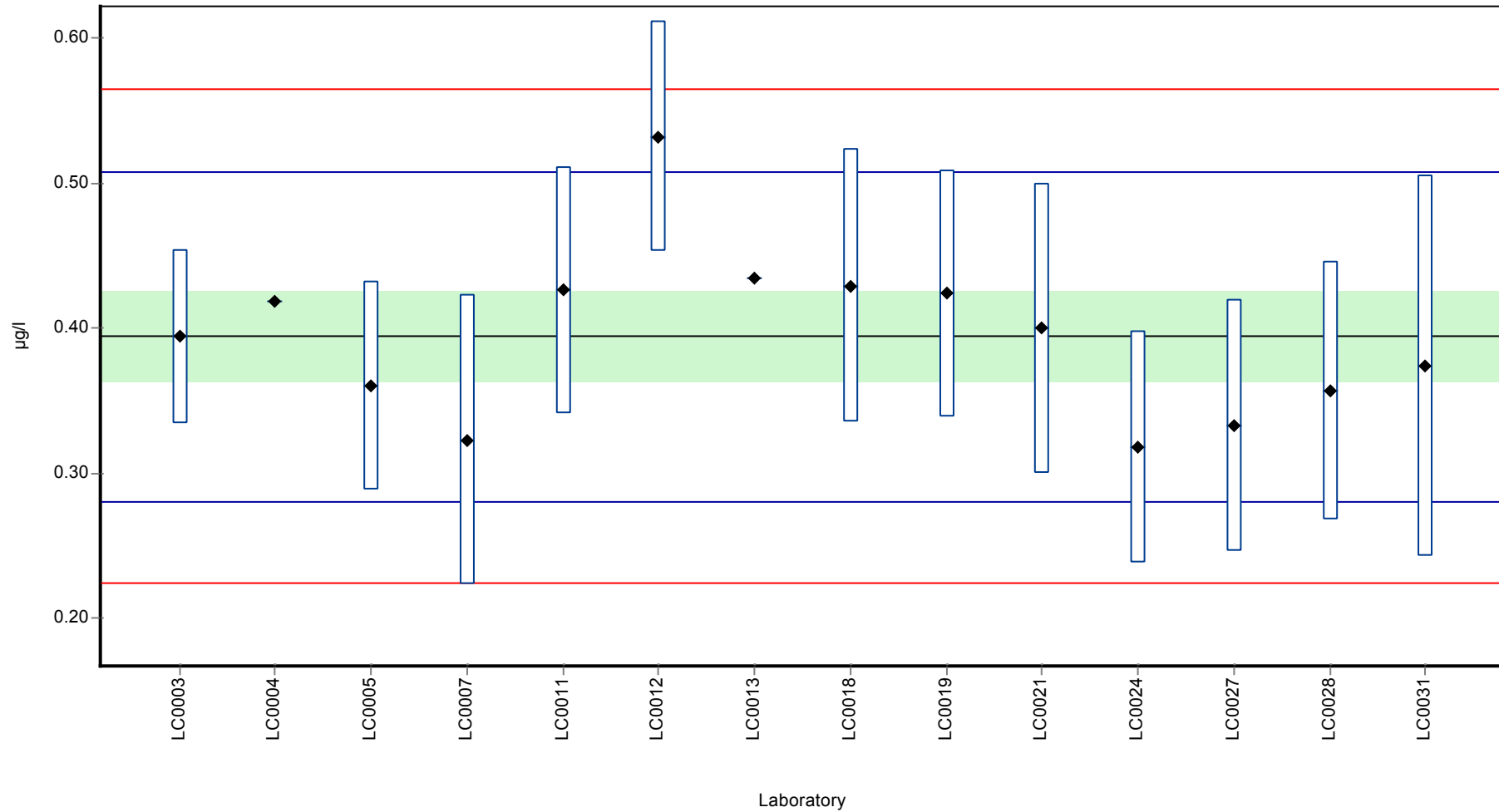
Unit	µg/l
Mean ± CI (99%)	0.395 ± 0.0455
Minimum - Maximum	0.318 - 0.532
Control test value ± U	0.376 ± 0.0224

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.394	0.06	99.9	-0.01	
LC0004	0.418	-	106	0.41	
LC0005	0.36	0.072	91.3	-0.61	
LC0006	-	-	-	-	
LC0007	0.323	0.1	81.9	-1.26	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.426	0.085	108	0.56	
LC0012	0.532	0.0798	135	2.42	
LC0013	0.435	-	110	0.71	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	0.429	0.094	109	0.61	
LC0019	0.424	0.085	107	0.52	
LC0020	-	-	-	-	
LC0021	0.4	0.1	101	0.1	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	0.318	0.08	80.6	-1.35	
LC0025	-	-	-	-	
LC0026	-	-	-	-	
LC0027	0.333	0.087	84.4	-1.08	
LC0028	0.357	0.089	90.5	-0.66	
LC0029	-	-	-	-	
LC0030	-	-	-	-	
LC0031	0.374	0.131	94.8	-0.36	
LC0032	-	-	-	-	

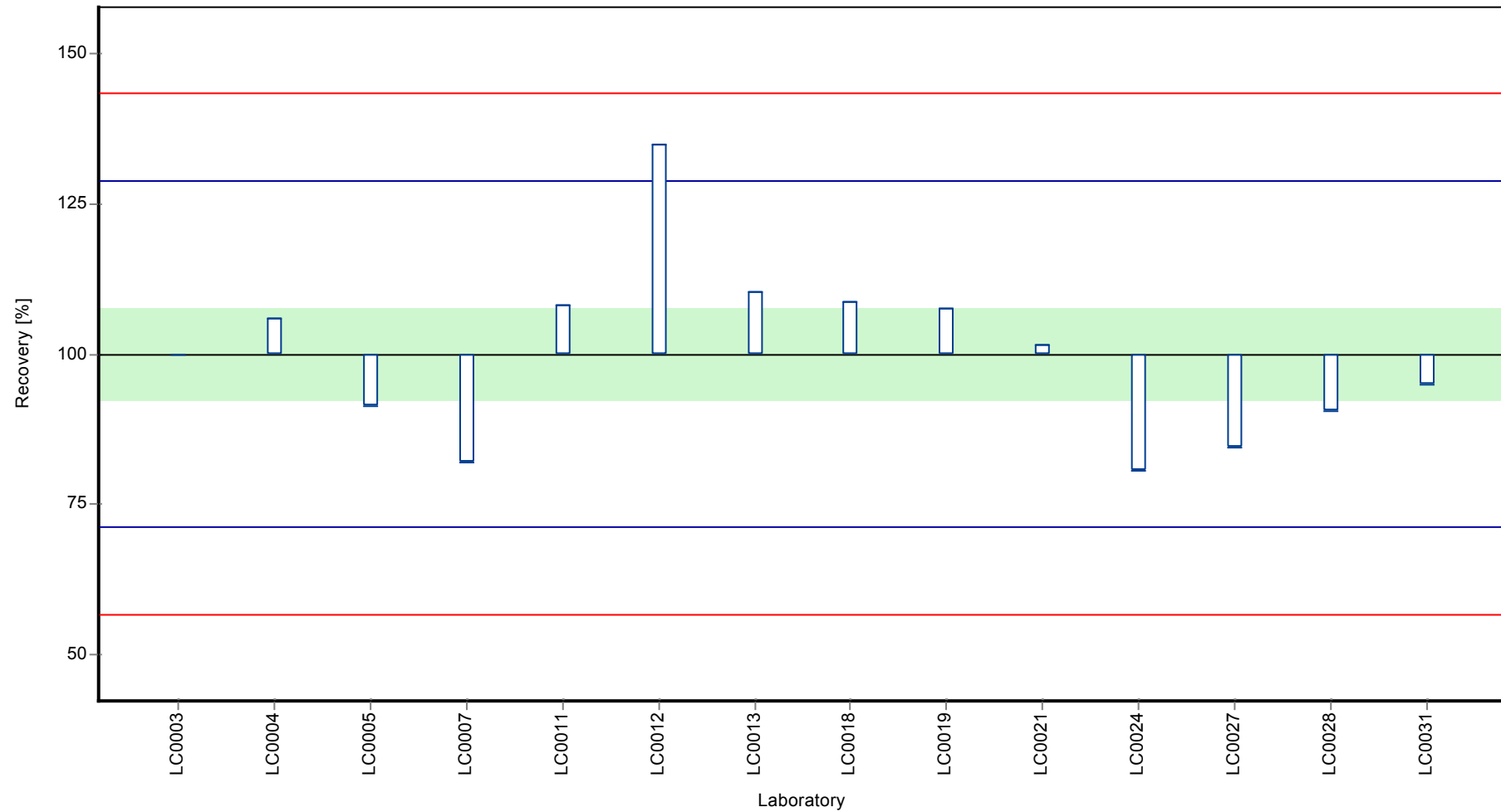
**Characteristics of parameter**

	all results	without outliers	Unit
Mean ± CI (99%)	0.395 ± 0.0455	0.395 ± 0.0455	µg/l
Minimum	0.318	0.318	µg/l
Maximum	0.532	0.532	µg/l
Standard deviation	0.0568	0.0568	µg/l
rel. Standard deviation	14.4	14.4	%
n	14	14	-

**Graphical presentation of results**  
**Results**



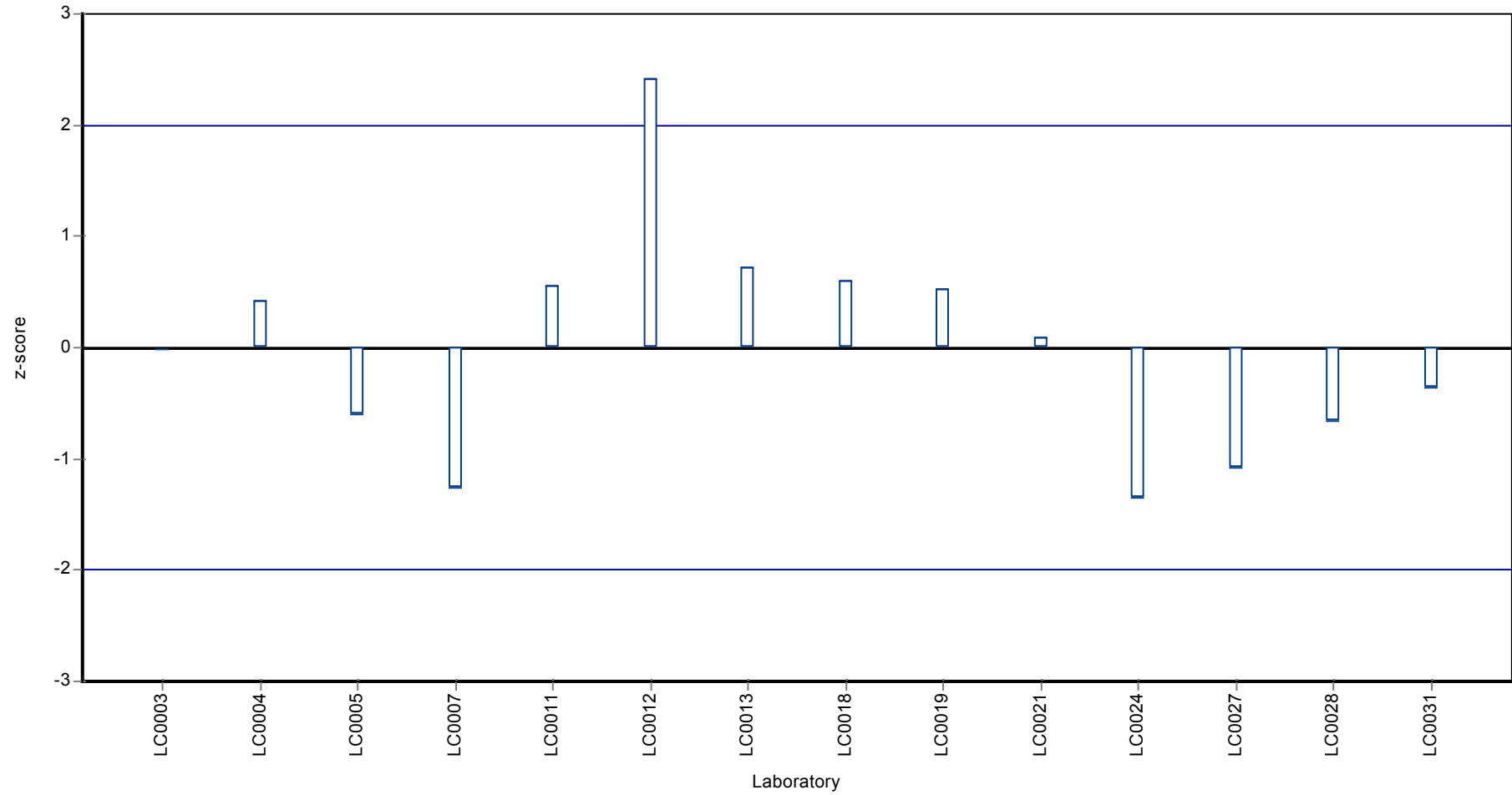
Recovery rate



Parameter oriented report Pesticides H98

Sample: H98B, Parameter: Metolachlor OA

Z-score



## 8 Laboratory oriented report

The laboratory oriented report is sorted by laboratory code.

The following results were achieved:

Sample: H98A

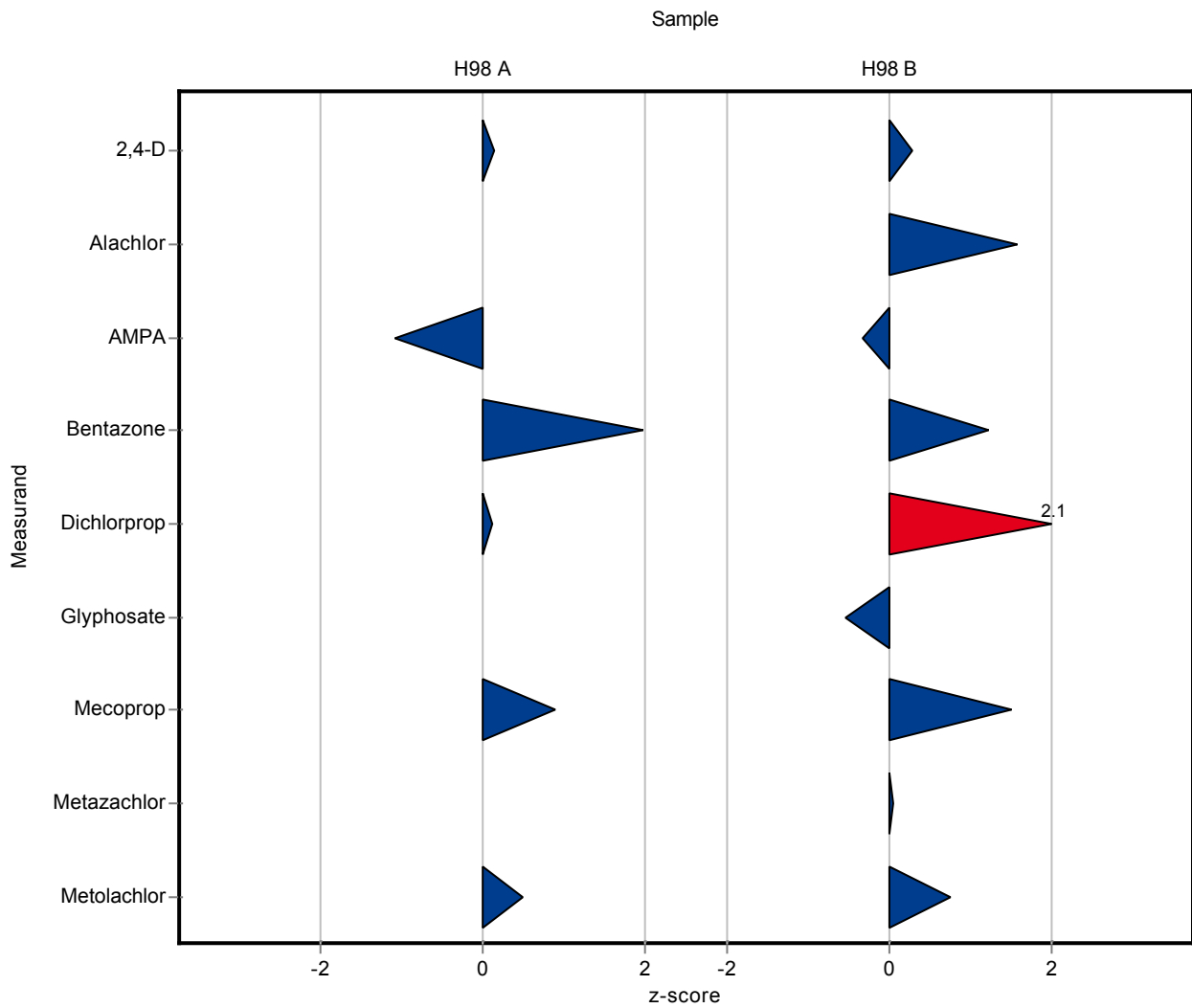
Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.384	± 0.0312	0.39	0.078	0.0465	102	0.13
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.557	± 0.162	-	-	0.162	-	-
Alachlor	µg/l	-	± -	<0.005 (LOD)	-	-	-	-
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.202	± 0.048	-	-	0.0423	-	-
AMPA	µg/l	0.225	± 0.0298	0.188	0.028	0.0344	83.5	-1.08
Bentazone	µg/l	0.258	± 0.0224	0.322	0.04	0.0325	125	1.96
Dichlorprop	µg/l	0.177	± 0.0147	0.179	0.031	0.0183	101	0.12
Dicamba	µg/l	0.328	± 0.122	-	-	0.141	-	-
Glufosinate	µg/l	0.469	± 0.23	-	-	0.217	-	-
Glyphosate	µg/l	-	± -	<0.01 (LOD)	-	-	-	-
Mecoprop	µg/l	0.103	± 0.00988	0.116	0.023	0.0147	113	0.88
Metazachlor ESA	µg/l	0.828	± 0.108	-	-	0.114	-	-
Metazachlor OA	µg/l	0.491	± 0.0347	-	-	0.0347	-	-
Metazachlor	µg/l	-	± -	<0.001 (LOD)	-	-	-	-
Metolachlor	µg/l	0.18	± 0.0231	0.198	0.03	0.0369	110	0.5
Metolachlor ESA	µg/l	0.861	± 0.0692	-	-	0.0894	-	-
Metolachlor OA	µg/l	0.296	± 0.0356	-	-	0.0444	-	-

Sample: H98B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.12	± 0.0142	0.126	0.025	0.0206	105	0.28
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.246	± 0.0344	-	-	0.0325	-	-
Alachlor	µg/l	1.01	± 0.0916	1.18	0.24	0.11	117	1.58
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.206	± 0.0444	-	-	0.0392	-	-
AMPA	µg/l	0.687	± 0.0641	0.661	0.083	0.08	96.3	-0.32
Bentazone	µg/l	0.346	± 0.0387	0.419	0.052	0.0591	121	1.23
Dichlorprop	µg/l	0.24	± 0.0137	0.275	0.048	0.0171	115	2.05
Dicamba	µg/l	0.806	± 0.131	-	-	0.144	-	-
Glufosinate	µg/l	0.123	± 0.0308	-	-	0.029	-	-
Glyphosate	µg/l	0.322	± 0.036	0.299	0.037	0.0433	93	-0.52
Mecoprop	µg/l	0.522	± 0.0499	0.635	0.13	0.0744	122	1.51
Metazachlor ESA	µg/l	0.165	± 0.025	-	-	0.0276	-	-
Metazachlor OA	µg/l	-	± -	-	-	-	-	-

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Metazachlor	µg/l	0.447 ± 0.0433	0.451	0.068	0.0693	101	0.05
Metolachlor	µg/l	0.596 ± 0.0657	0.675	0.1	0.105	113	0.75
Metolachlor ESA	µg/l	0.243 ± 0.0185	-	-	0.0239	-	-
Metolachlor OA	µg/l	0.395 ± 0.0455	-	-	0.0568	-	-





The following results were achieved:

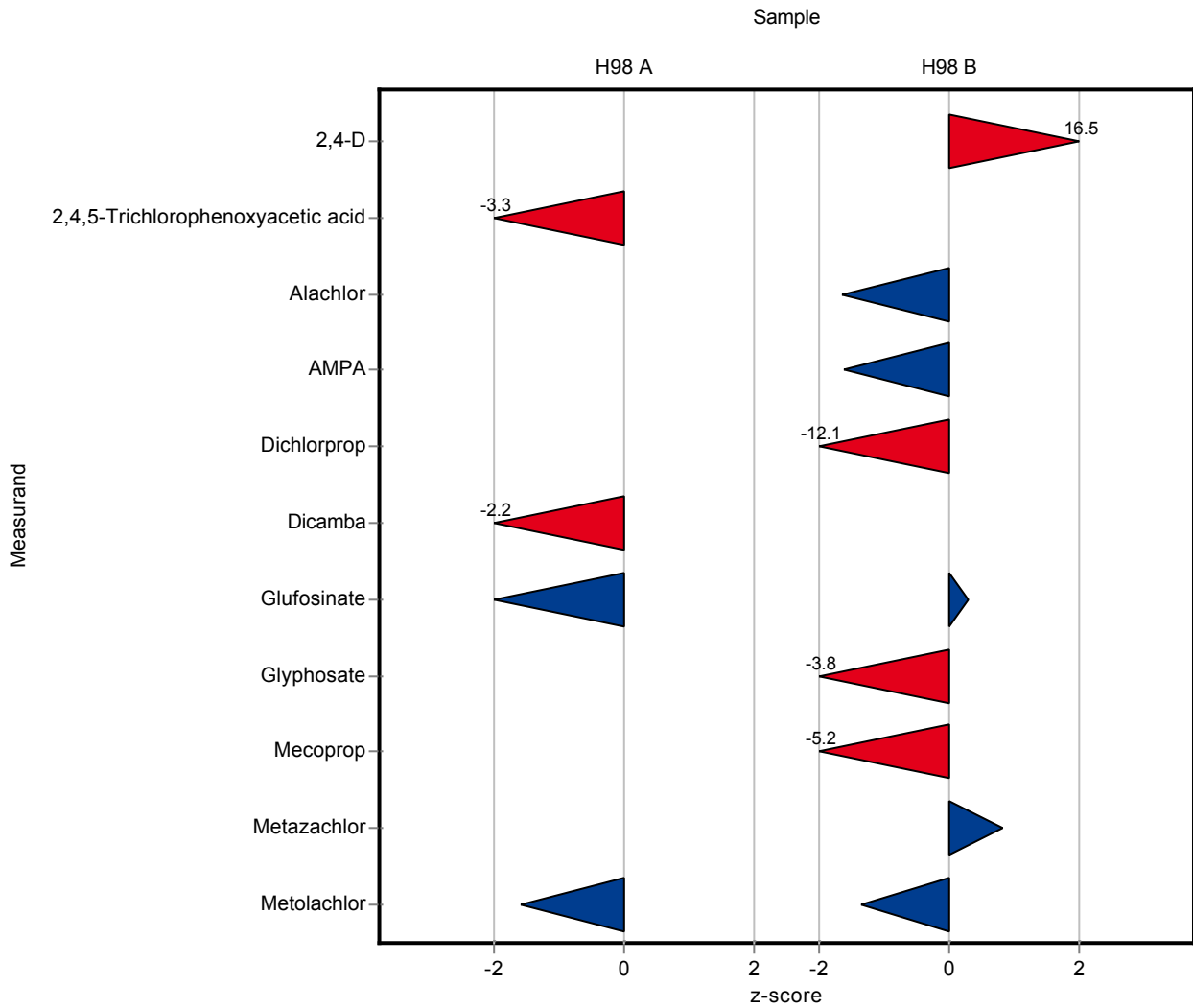
Sample: H98A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.384	± 0.0312	<0.01 (LOQ)	-	0.0465	-	-
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.557	± 0.162	0.017	0.009	0.162	3	-3.34
Alachlor	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.202	± 0.048	-	-	0.0423	-	-
AMPA	µg/l	0.225	± 0.0298	<0.01 (LOQ)	-	0.0344	-	-
Bentazone	µg/l	0.258	± 0.0224	<0.01 (LOQ)	-	0.0325	-	-
Dichlorprop	µg/l	0.177	± 0.0147	<0.01 (LOQ)	-	0.0183	-	-
Dicamba	µg/l	0.328	± 0.122	0.014	0.007	0.141	4.3	-2.23
Glufosinate	µg/l	0.469	± 0.23	0.038	0.019	0.217	8.1	-1.99
Glyphosate	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Mecoprop	µg/l	0.103	± 0.00988	<0.01 (LOQ)	-	0.0147	-	-
Metazachlor ESA	µg/l	0.828	± 0.108	-	-	0.114	-	-
Metazachlor OA	µg/l	0.491	± 0.0347	-	-	0.0347	-	-
Metazachlor	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Metolachlor	µg/l	0.18	± 0.0231	0.122	0.061	0.0369	67.9	-1.57
Metolachlor ESA	µg/l	0.861	± 0.0692	-	-	0.0894	-	-
Metolachlor OA	µg/l	0.296	± 0.0356	-	-	0.0444	-	-

Sample: H98B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.12	± 0.0142	0.46	0.23	0.0206	383	16.5
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.246	± 0.0344	<0.01 (LOQ)	-	0.0325	-	-
Alachlor	µg/l	1.01	± 0.0916	0.824	0.412	0.11	81.9	-1.66
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.206	± 0.0444	-	-	0.0392	-	-
AMPA	µg/l	0.687	± 0.0641	0.556	0.278	0.08	81	-1.63
Bentazone	µg/l	0.346	± 0.0387	<0.01 (LOQ)	-	0.0591	-	-
Dichlorprop	µg/l	0.24	± 0.0137	0.033	0.017	0.0171	13.8	-12.1
Dicamba	µg/l	0.806	± 0.131	<0.01 (LOQ)	-	0.144	-	-
Glufosinate	µg/l	0.123	± 0.0308	0.131	0.065	0.029	107	0.29
Glyphosate	µg/l	0.322	± 0.036	0.158	0.079	0.0433	49.1	-3.78
Mecoprop	µg/l	0.522	± 0.0499	0.133	0.066	0.0744	25.5	-5.23
Metazachlor ESA	µg/l	0.165	± 0.025	-	-	0.0276	-	-
Metazachlor OA	µg/l	-	± -	-	-	-	-	-

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Metazachlor	µg/l	0.447 ± 0.0433	0.504	0.252	0.0693	113	0.82
Metolachlor	µg/l	0.596 ± 0.0657	0.455	0.227	0.105	76.3	-1.35
Metolachlor ESA	µg/l	0.243 ± 0.0185	-	-	0.0239	-	-
Metolachlor OA	µg/l	0.395 ± 0.0455	-	-	0.0568	-	-



The following results were achieved:

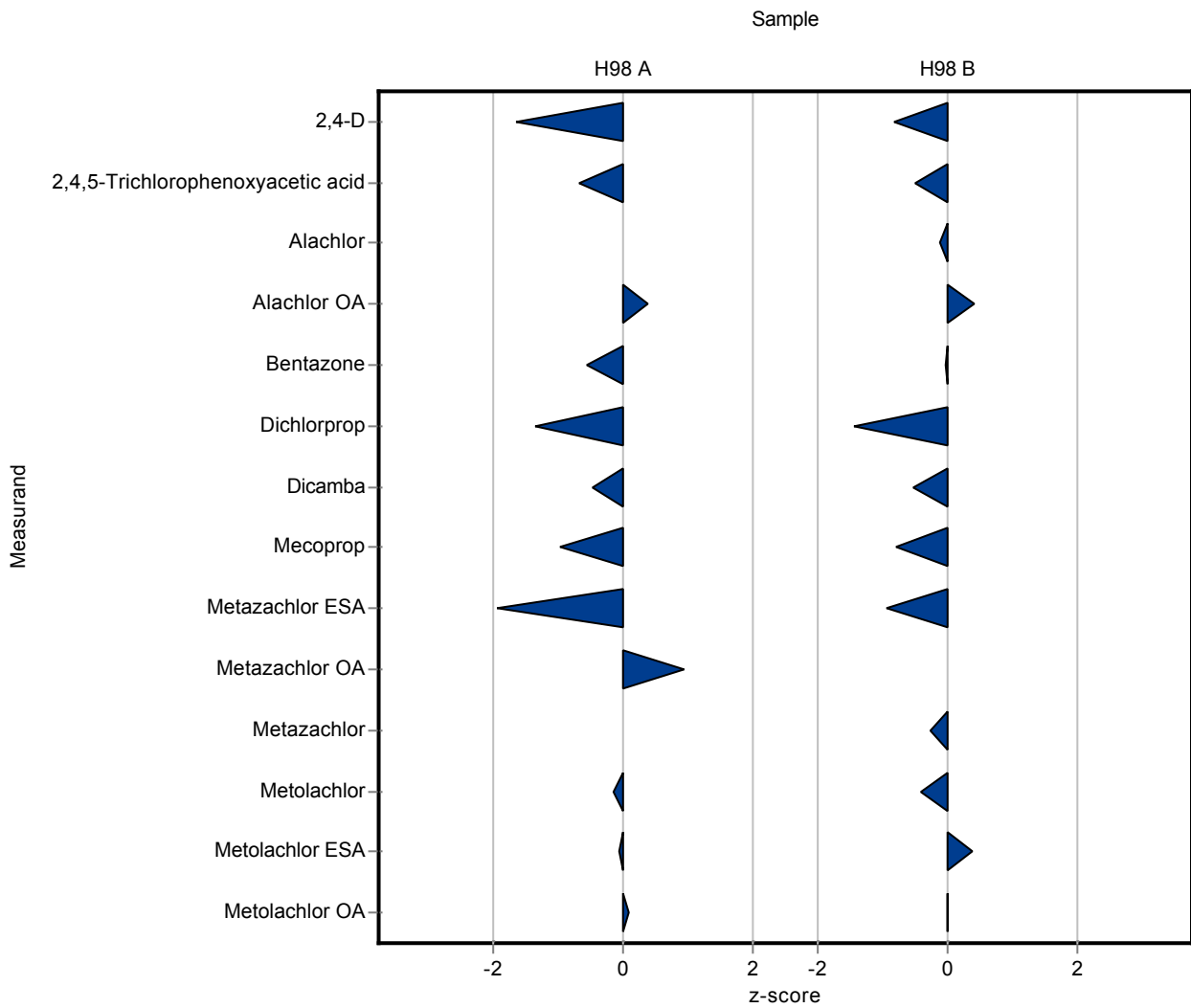
Sample: H98A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.384	± 0.0312	0.308	0.046	0.0465	80.3	-1.63
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.557	± 0.162	0.448	0.067	0.162	80.4	-0.67
Alachlor	µg/l	-	± -	<0.03 (LOQ)	-	-	-	-
Alachlor ESA	µg/l	-	± -	0.122	0.018	-	-	-
Alachlor OA	µg/l	0.202	± 0.048	0.218	0.033	0.0423	108	0.38
AMPA	µg/l	0.225	± 0.0298	-	-	0.0344	-	-
Bentazone	µg/l	0.258	± 0.0224	0.24	0.036	0.0325	93	-0.56
Dichlorprop	µg/l	0.177	± 0.0147	0.152	0.023	0.0183	86	-1.35
Dicamba	µg/l	0.328	± 0.122	0.262	0.04	0.141	79.9	-0.47
Glufosinate	µg/l	0.469	± 0.23	-	-	0.217	-	-
Glyphosate	µg/l	-	± -	-	-	-	-	-
Mecoprop	µg/l	0.103	± 0.00988	0.089	0.015	0.0147	86.3	-0.96
Metazachlor ESA	µg/l	0.828	± 0.108	0.609	0.092	0.114	73.5	-1.92
Metazachlor OA	µg/l	0.491	± 0.0347	0.524	0.079	0.0347	107	0.96
Metazachlor	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Metolachlor	µg/l	0.18	± 0.0231	0.174	0.03	0.0369	96.8	-0.15
Metolachlor ESA	µg/l	0.861	± 0.0692	0.856	0.128	0.0894	99.4	-0.06
Metolachlor OA	µg/l	0.296	± 0.0356	0.3	0.045	0.0444	101	0.09

Sample: H98B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.12	± 0.0142	0.103	0.016	0.0206	85.7	-0.83
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.246	± 0.0344	0.23	0.035	0.0325	93.4	-0.5
Alachlor	µg/l	1.01	± 0.0916	0.994	0.15	0.11	98.8	-0.11
Alachlor ESA	µg/l	-	± -	0.262	0.04	-	-	-
Alachlor OA	µg/l	0.206	± 0.0444	0.222	0.033	0.0392	108	0.42
AMPA	µg/l	0.687	± 0.0641	-	-	0.08	-	-
Bentazone	µg/l	0.346	± 0.0387	0.344	0.052	0.0591	99.4	-0.03
Dichlorprop	µg/l	0.24	± 0.0137	0.215	0.032	0.0171	89.7	-1.45
Dicamba	µg/l	0.806	± 0.131	0.727	0.11	0.144	90.2	-0.55
Glufosinate	µg/l	0.123	± 0.0308	-	-	0.029	-	-
Glyphosate	µg/l	0.322	± 0.036	-	-	0.0433	-	-
Mecoprop	µg/l	0.522	± 0.0499	0.464	0.07	0.0744	88.8	-0.79
Metazachlor ESA	µg/l	0.165	± 0.025	0.139	0.021	0.0276	84	-0.96
Metazachlor OA	µg/l	-	± -	<0.1 (LOQ)	-	-	-	-

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Metazachlor	µg/l	0.447 ± 0.0433	0.429	0.064	0.0693	95.9	-0.27
Metolachlor	µg/l	0.596 ± 0.0657	0.553	0.083	0.105	92.7	-0.41
Metolachlor ESA	µg/l	0.243 ± 0.0185	0.252	0.038	0.0239	104	0.36
Metolachlor OA	µg/l	0.395 ± 0.0455	0.394	0.06	0.0568	99.9	-0.01



The following results were achieved:

Sample: H98A

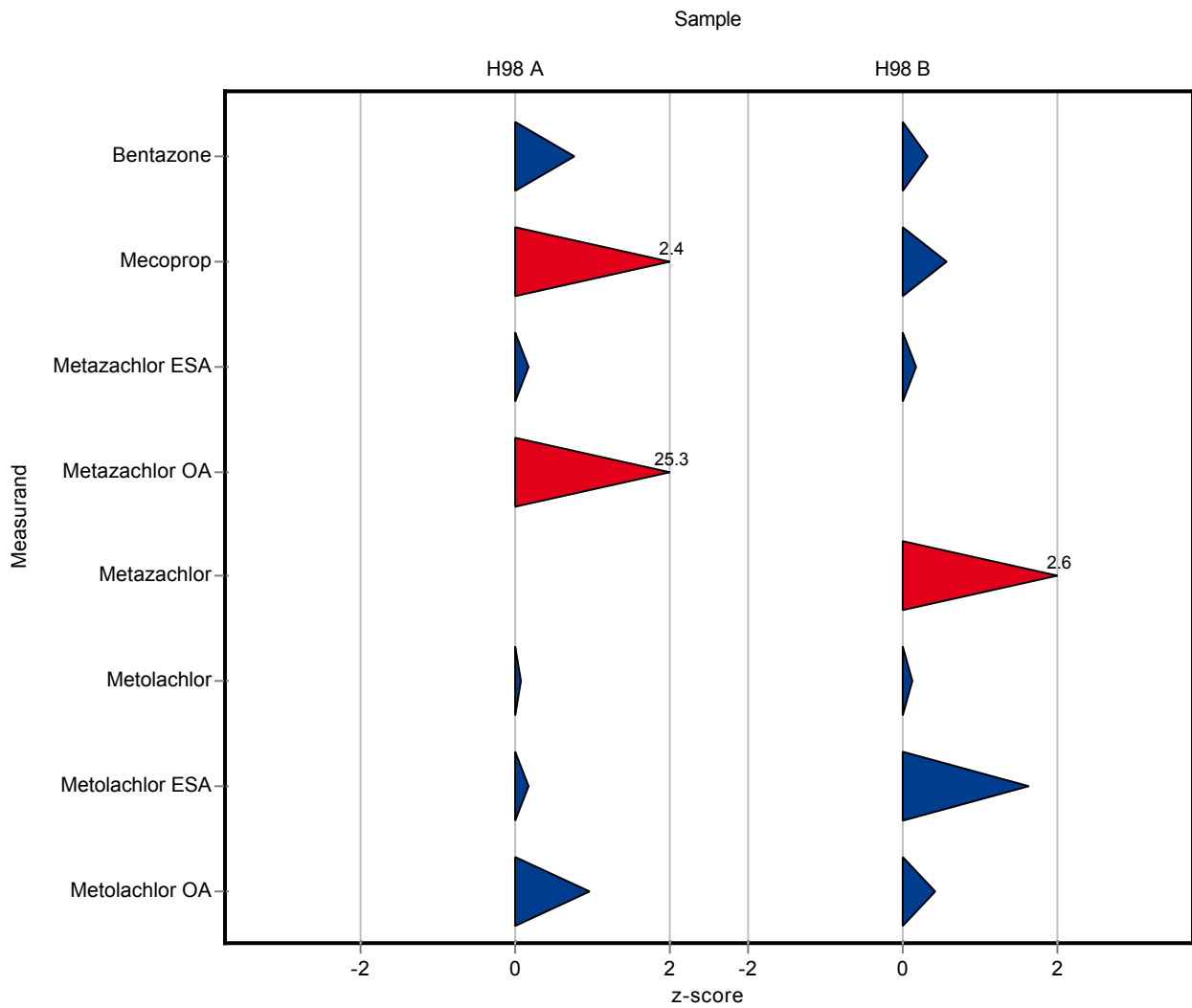
Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.384 ± 0.0312	-	-	0.0465	-	-
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.557 ± 0.162	-	-	0.162	-	-
Alachlor	µg/l	- ± -	-	-	-	-	-
Alachlor ESA	µg/l	- ± -	-	-	-	-	-
Alachlor OA	µg/l	0.202 ± 0.048	-	-	0.0423	-	-
AMPA	µg/l	0.225 ± 0.0298	-	-	0.0344	-	-
Bentazone	µg/l	0.258 ± 0.0224	0.283	-	0.0325	110	0.76
Dichlorprop	µg/l	0.177 ± 0.0147	-	-	0.0183	-	-
Dicamba	µg/l	0.328 ± 0.122	-	-	0.141	-	-
Glufosinate	µg/l	0.469 ± 0.23	-	-	0.217	-	-
Glyphosate	µg/l	- ± -	-	-	-	-	-
Mecoprop	µg/l	0.103 ± 0.00988	0.139	-	0.0147	135	2.44
Metazachlor ESA	µg/l	0.828 ± 0.108	0.849	-	0.114	103	0.18
Metazachlor OA	µg/l	0.491 ± 0.0347	1.369	-	0.0347	279	25.3
Metazachlor	µg/l	- ± -	<0.001 (LOQ)	-	-	-	-
Metolachlor	µg/l	0.18 ± 0.0231	0.182	-	0.0369	101	0.06
Metolachlor ESA	µg/l	0.861 ± 0.0692	0.876	-	0.0894	102	0.17
Metolachlor OA	µg/l	0.296 ± 0.0356	0.339	-	0.0444	115	0.97

Sample: H98B

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.12 ± 0.0142	-	-	0.0206	-	-
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.246 ± 0.0344	-	-	0.0325	-	-
Alachlor	µg/l	1.01 ± 0.0916	-	-	0.11	-	-
Alachlor ESA	µg/l	- ± -	-	-	-	-	-
Alachlor OA	µg/l	0.206 ± 0.0444	-	-	0.0392	-	-
AMPA	µg/l	0.687 ± 0.0641	-	-	0.08	-	-
Bentazone	µg/l	0.346 ± 0.0387	0.365	-	0.0591	105	0.32
Dichlorprop	µg/l	0.24 ± 0.0137	-	-	0.0171	-	-
Dicamba	µg/l	0.806 ± 0.131	-	-	0.144	-	-
Glufosinate	µg/l	0.123 ± 0.0308	-	-	0.029	-	-
Glyphosate	µg/l	0.322 ± 0.036	-	-	0.0433	-	-
Mecoprop	µg/l	0.522 ± 0.0499	0.564	-	0.0744	108	0.56
Metazachlor ESA	µg/l	0.165 ± 0.025	0.17	-	0.0276	103	0.17
Metazachlor OA	µg/l	- ± -	0.0052	-	-	-	-



Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Metazachlor	µg/l	0.447 ± 0.0433	0.626	-	0.0693	140	2.58
Metolachlor	µg/l	0.596 ± 0.0657	0.61	-	0.105	102	0.13
Metolachlor ESA	µg/l	0.243 ± 0.0185	0.282	-	0.0239	116	1.62
Metolachlor OA	µg/l	0.395 ± 0.0455	0.418	-	0.0568	106	0.41



The following results were achieved:

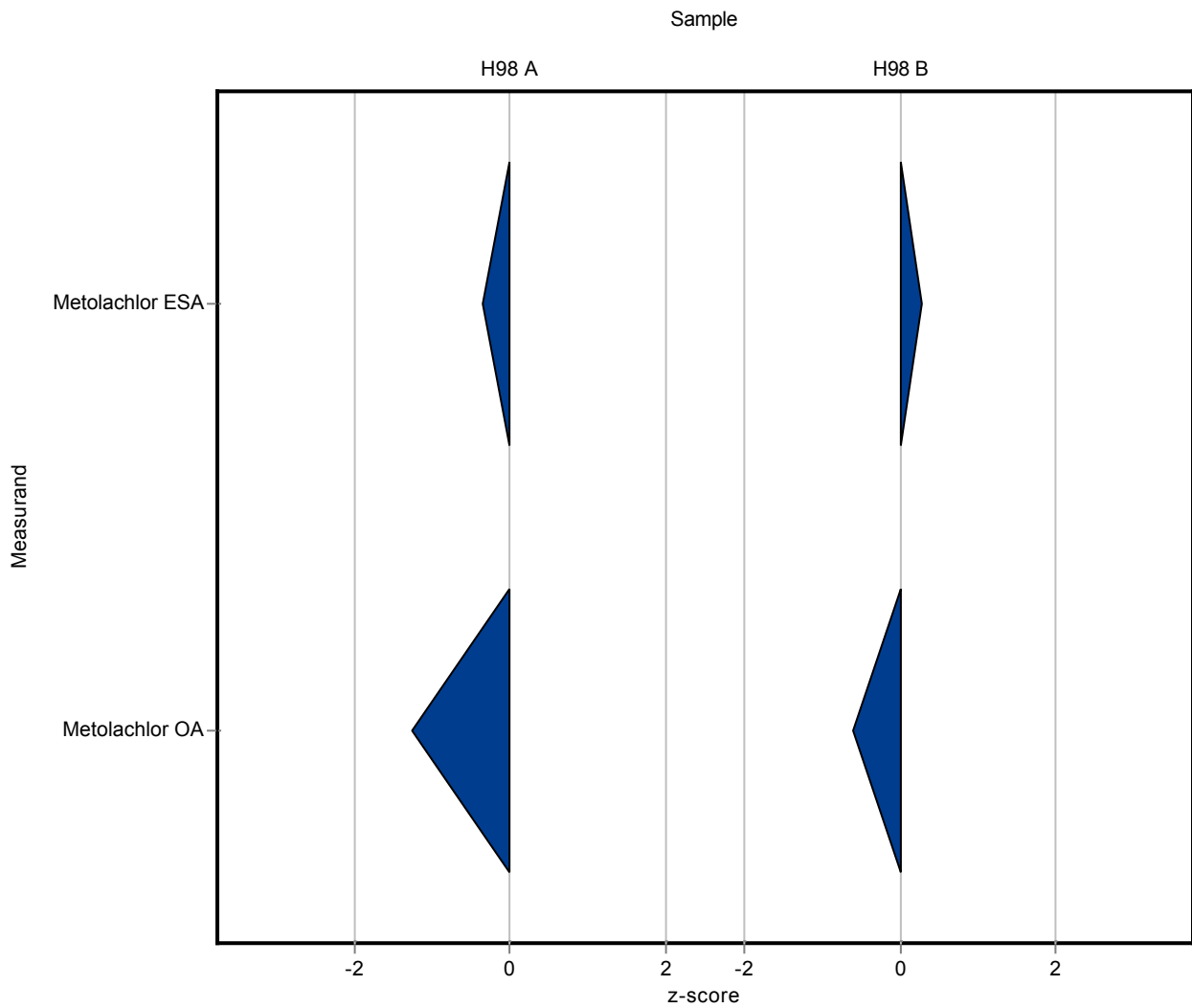
Sample: H98A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.384	± 0.0312	-	-	0.0465	-	-
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.557	± 0.162	-	-	0.162	-	-
Alachlor	µg/l	-	± -	-	-	-	-	-
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.202	± 0.048	-	-	0.0423	-	-
AMPA	µg/l	0.225	± 0.0298	-	-	0.0344	-	-
Bentazone	µg/l	0.258	± 0.0224	-	-	0.0325	-	-
Dichlorprop	µg/l	0.177	± 0.0147	-	-	0.0183	-	-
Dicamba	µg/l	0.328	± 0.122	-	-	0.141	-	-
Glufosinate	µg/l	0.469	± 0.23	-	-	0.217	-	-
Glyphosate	µg/l	-	± -	-	-	-	-	-
Mecoprop	µg/l	0.103	± 0.00988	-	-	0.0147	-	-
Metazachlor ESA	µg/l	0.828	± 0.108	-	-	0.114	-	-
Metazachlor OA	µg/l	0.491	± 0.0347	-	-	0.0347	-	-
Metazachlor	µg/l	-	± -	-	-	-	-	-
Metolachlor	µg/l	0.18	± 0.0231	-	-	0.0369	-	-
Metolachlor ESA	µg/l	0.861	± 0.0692	0.83	0.17	0.0894	96.4	-0.35
Metolachlor OA	µg/l	0.296	± 0.0356	0.24	0.048	0.0444	81.1	-1.26

Sample: H98B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.12	± 0.0142	-	-	0.0206	-	-
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.246	± 0.0344	-	-	0.0325	-	-
Alachlor	µg/l	1.01	± 0.0916	-	-	0.11	-	-
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.206	± 0.0444	-	-	0.0392	-	-
AMPA	µg/l	0.687	± 0.0641	-	-	0.08	-	-
Bentazone	µg/l	0.346	± 0.0387	-	-	0.0591	-	-
Dichlorprop	µg/l	0.24	± 0.0137	-	-	0.0171	-	-
Dicamba	µg/l	0.806	± 0.131	-	-	0.144	-	-
Glufosinate	µg/l	0.123	± 0.0308	-	-	0.029	-	-
Glyphosate	µg/l	0.322	± 0.036	-	-	0.0433	-	-
Mecoprop	µg/l	0.522	± 0.0499	-	-	0.0744	-	-
Metazachlor ESA	µg/l	0.165	± 0.025	-	-	0.0276	-	-
Metazachlor OA	µg/l	-	± -	-	-	-	-	-

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Metazachlor	µg/l	0.447 ± 0.0433	-	-	0.0693	-	-
Metolachlor	µg/l	0.596 ± 0.0657	-	-	0.105	-	-
Metolachlor ESA	µg/l	0.243 ± 0.0185	0.25	0.05	0.0239	103	0.28
Metolachlor OA	µg/l	0.395 ± 0.0455	0.36	0.072	0.0568	91.3	-0.61



The following results were achieved:

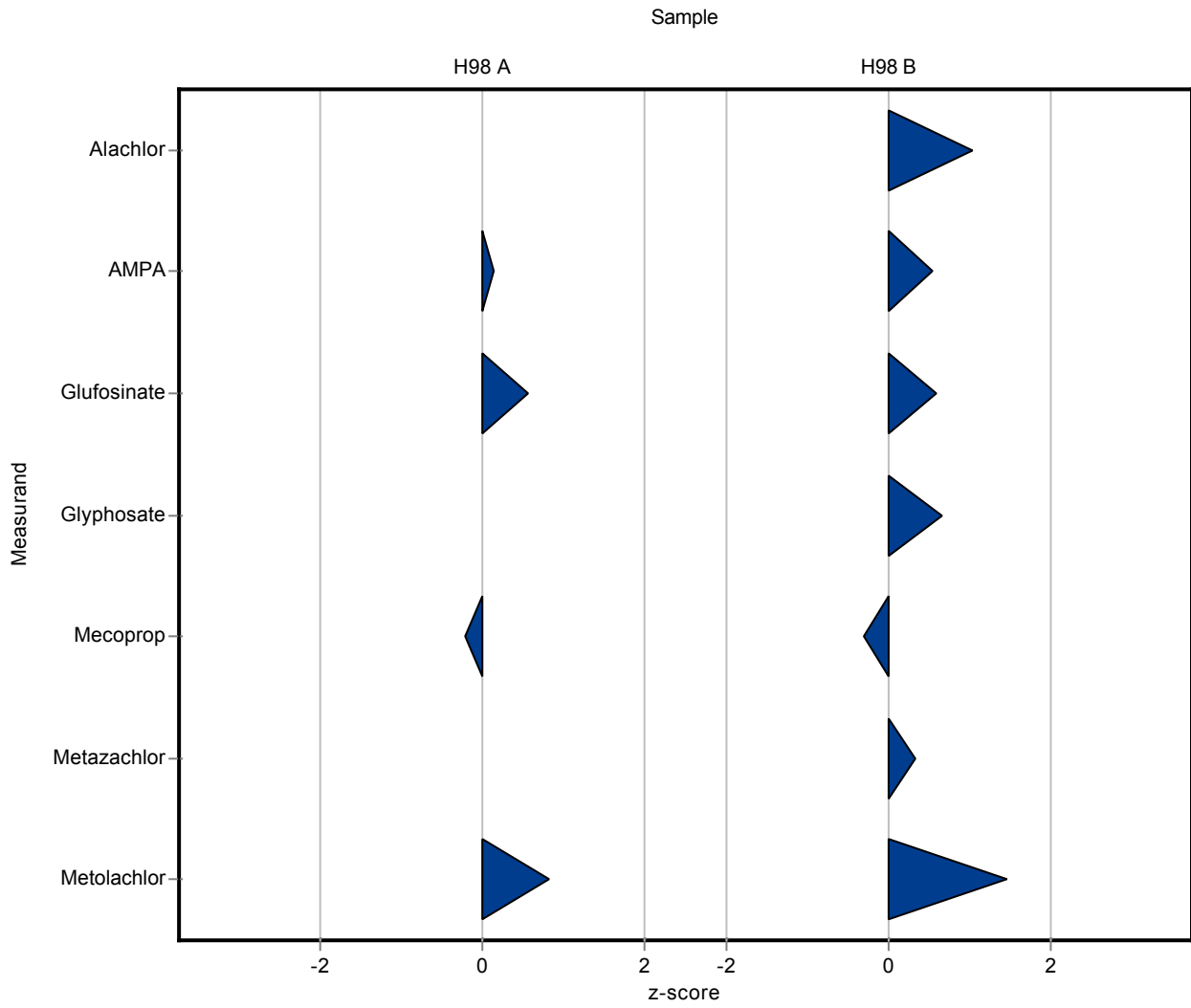
Sample: H98A

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.384 ± 0.0312	-	-	0.0465	-	-
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.557 ± 0.162	-	-	0.162	-	-
Alachlor	µg/l	- ± -	<0.02 (LOQ)	-	-	-	-
Alachlor ESA	µg/l	- ± -	-	-	-	-	-
Alachlor OA	µg/l	0.202 ± 0.048	-	-	0.0423	-	-
AMPA	µg/l	0.225 ± 0.0298	0.23	0.05	0.0344	102	0.14
Bentazone	µg/l	0.258 ± 0.0224	-	-	0.0325	-	-
Dichlorprop	µg/l	0.177 ± 0.0147	-	-	0.0183	-	-
Dicamba	µg/l	0.328 ± 0.122	-	-	0.141	-	-
Glufosinate	µg/l	0.469 ± 0.23	0.59	0.12	0.217	126	0.56
Glyphosate	µg/l	- ± -	<0.02 (LOQ)	-	-	-	-
Mecoprop	µg/l	0.103 ± 0.00988	0.1	0.02	0.0147	97	-0.21
Metazachlor ESA	µg/l	0.828 ± 0.108	-	-	0.114	-	-
Metazachlor OA	µg/l	0.491 ± 0.0347	-	-	0.0347	-	-
Metazachlor	µg/l	- ± -	<0.02 (LOQ)	-	-	-	-
Metolachlor	µg/l	0.18 ± 0.0231	0.21	0.04	0.0369	117	0.82
Metolachlor ESA	µg/l	0.861 ± 0.0692	-	-	0.0894	-	-
Metolachlor OA	µg/l	0.296 ± 0.0356	-	-	0.0444	-	-

Sample: H98B

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.12 ± 0.0142	-	-	0.0206	-	-
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.246 ± 0.0344	-	-	0.0325	-	-
Alachlor	µg/l	1.01 ± 0.0916	1.12	0.22	0.11	111	1.03
Alachlor ESA	µg/l	- ± -	-	-	-	-	-
Alachlor OA	µg/l	0.206 ± 0.0444	-	-	0.0392	-	-
AMPA	µg/l	0.687 ± 0.0641	0.73	0.15	0.08	106	0.54
Bentazone	µg/l	0.346 ± 0.0387	-	-	0.0591	-	-
Dichlorprop	µg/l	0.24 ± 0.0137	-	-	0.0171	-	-
Dicamba	µg/l	0.806 ± 0.131	-	-	0.144	-	-
Glufosinate	µg/l	0.123 ± 0.0308	0.14	0.03	0.029	114	0.6
Glyphosate	µg/l	0.322 ± 0.036	0.35	0.07	0.0433	109	0.66
Mecoprop	µg/l	0.522 ± 0.0499	0.5	0.1	0.0744	95.7	-0.3
Metazachlor ESA	µg/l	0.165 ± 0.025	-	-	0.0276	-	-
Metazachlor OA	µg/l	- ± -	-	-	-	-	-

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Metazachlor	µg/l	0.447 ± 0.0433	0.47	0.09	0.0693	105	0.33
Metolachlor	µg/l	0.596 ± 0.0657	0.75	0.15	0.105	126	1.46
Metolachlor ESA	µg/l	0.243 ± 0.0185	-	-	0.0239	-	-
Metolachlor OA	µg/l	0.395 ± 0.0455	-	-	0.0568	-	-





The following results were achieved:

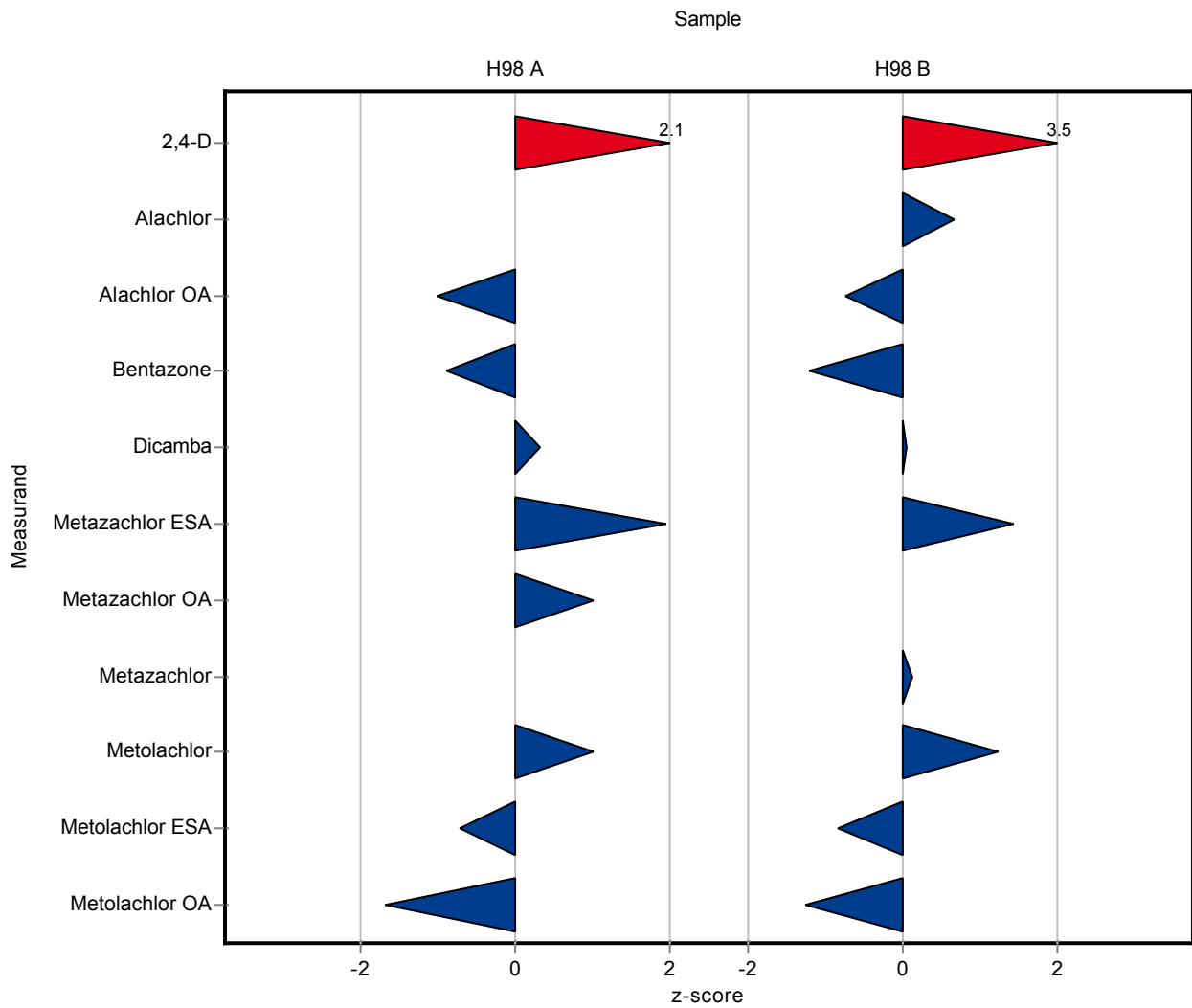
Sample: H98A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.384	± 0.0312	0.481	0.14	0.0465	125	2.09
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.557	± 0.162	-	-	0.162	-	-
Alachlor	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Alachlor ESA	µg/l	-	± -	0.114	0.03	-	-	-
Alachlor OA	µg/l	0.202	± 0.048	0.159	0.05	0.0423	78.8	-1.01
AMPA	µg/l	0.225	± 0.0298	-	-	0.0344	-	-
Bentazone	µg/l	0.258	± 0.0224	0.229	0.07	0.0325	88.7	-0.9
Dichlorprop	µg/l	0.177	± 0.0147	-	-	0.0183	-	-
Dicamba	µg/l	0.328	± 0.122	0.374	0.11	0.141	114	0.33
Glufosinate	µg/l	0.469	± 0.23	-	-	0.217	-	-
Glyphosate	µg/l	-	± -	-	-	-	-	-
Mecoprop	µg/l	0.103	± 0.00988	-	-	0.0147	-	-
Metazachlor ESA	µg/l	0.828	± 0.108	1.05	0.32	0.114	127	1.94
Metazachlor OA	µg/l	0.491	± 0.0347	0.526	0.16	0.0347	107	1.02
Metazachlor	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Metolachlor	µg/l	0.18	± 0.0231	0.217	0.07	0.0369	121	1.01
Metolachlor ESA	µg/l	0.861	± 0.0692	0.796	0.24	0.0894	92.5	-0.73
Metolachlor OA	µg/l	0.296	± 0.0356	0.221	0.07	0.0444	74.7	-1.69

Sample: H98B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.12	± 0.0142	0.193	0.06	0.0206	161	3.53
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.246	± 0.0344	-	-	0.0325	-	-
Alachlor	µg/l	1.01	± 0.0916	1.08	0.32	0.11	107	0.67
Alachlor ESA	µg/l	-	± -	0.326	0.1	-	-	-
Alachlor OA	µg/l	0.206	± 0.0444	0.177	0.05	0.0392	86	-0.73
AMPA	µg/l	0.687	± 0.0641	-	-	0.08	-	-
Bentazone	µg/l	0.346	± 0.0387	0.275	0.08	0.0591	79.5	-1.2
Dichlorprop	µg/l	0.24	± 0.0137	-	-	0.0171	-	-
Dicamba	µg/l	0.806	± 0.131	0.812	0.24	0.144	101	0.04
Glufosinate	µg/l	0.123	± 0.0308	-	-	0.029	-	-
Glyphosate	µg/l	0.322	± 0.036	-	-	0.0433	-	-
Mecoprop	µg/l	0.522	± 0.0499	-	-	0.0744	-	-
Metazachlor ESA	µg/l	0.165	± 0.025	0.205	0.06	0.0276	124	1.43
Metazachlor OA	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Metazachlor	µg/l	0.447 ± 0.0433	0.456	0.14	0.0693	102	0.12
Metolachlor	µg/l	0.596 ± 0.0657	0.725	0.22	0.105	122	1.22
Metolachlor ESA	µg/l	0.243 ± 0.0185	0.223	0.07	0.0239	91.7	-0.85
Metolachlor OA	µg/l	0.395 ± 0.0455	0.323	0.1	0.0568	81.9	-1.26



The following results were achieved:

Sample: H98A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.384	± 0.0312	-	-	0.0465	-	-
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.557	± 0.162	-	-	0.162	-	-
Alachlor	µg/l	-	± -	-	-	-	-	-
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.202	± 0.048	-	-	0.0423	-	-
AMPA	µg/l	0.225	± 0.0298	-	-	0.0344	-	-
Bentazone	µg/l	0.258	± 0.0224	-	-	0.0325	-	-
Dichlorprop	µg/l	0.177	± 0.0147	-	-	0.0183	-	-
Dicamba	µg/l	0.328	± 0.122	-	-	0.141	-	-
Glufosinate	µg/l	0.469	± 0.23	-	-	0.217	-	-
Glyphosate	µg/l	-	± -	-	-	-	-	-
Mecoprop	µg/l	0.103	± 0.00988	-	-	0.0147	-	-
Metazachlor ESA	µg/l	0.828	± 0.108	-	-	0.114	-	-
Metazachlor OA	µg/l	0.491	± 0.0347	-	-	0.0347	-	-
Metazachlor	µg/l	-	± -	-	-	-	-	-
Metolachlor	µg/l	0.18	± 0.0231	-	-	0.0369	-	-
Metolachlor ESA	µg/l	0.861	± 0.0692	-	-	0.0894	-	-
Metolachlor OA	µg/l	0.296	± 0.0356	-	-	0.0444	-	-

Sample: H98B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.12	± 0.0142	-	-	0.0206	-	-
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.246	± 0.0344	-	-	0.0325	-	-
Alachlor	µg/l	1.01	± 0.0916	-	-	0.11	-	-
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.206	± 0.0444	-	-	0.0392	-	-
AMPA	µg/l	0.687	± 0.0641	-	-	0.08	-	-
Bentazone	µg/l	0.346	± 0.0387	-	-	0.0591	-	-
Dichlorprop	µg/l	0.24	± 0.0137	-	-	0.0171	-	-
Dicamba	µg/l	0.806	± 0.131	-	-	0.144	-	-
Glufosinate	µg/l	0.123	± 0.0308	-	-	0.029	-	-
Glyphosate	µg/l	0.322	± 0.036	-	-	0.0433	-	-
Mecoprop	µg/l	0.522	± 0.0499	-	-	0.0744	-	-
Metazachlor ESA	µg/l	0.165	± 0.025	-	-	0.0276	-	-
Metazachlor OA	µg/l	-	± -	-	-	-	-	-

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Metazachlor	µg/l	0.447 ± 0.0433	-	-	0.0693	-	-
Metolachlor	µg/l	0.596 ± 0.0657	-	-	0.105	-	-
Metolachlor ESA	µg/l	0.243 ± 0.0185	-	-	0.0239	-	-
Metolachlor OA	µg/l	0.395 ± 0.0455	-	-	0.0568	-	-

The following results were achieved:

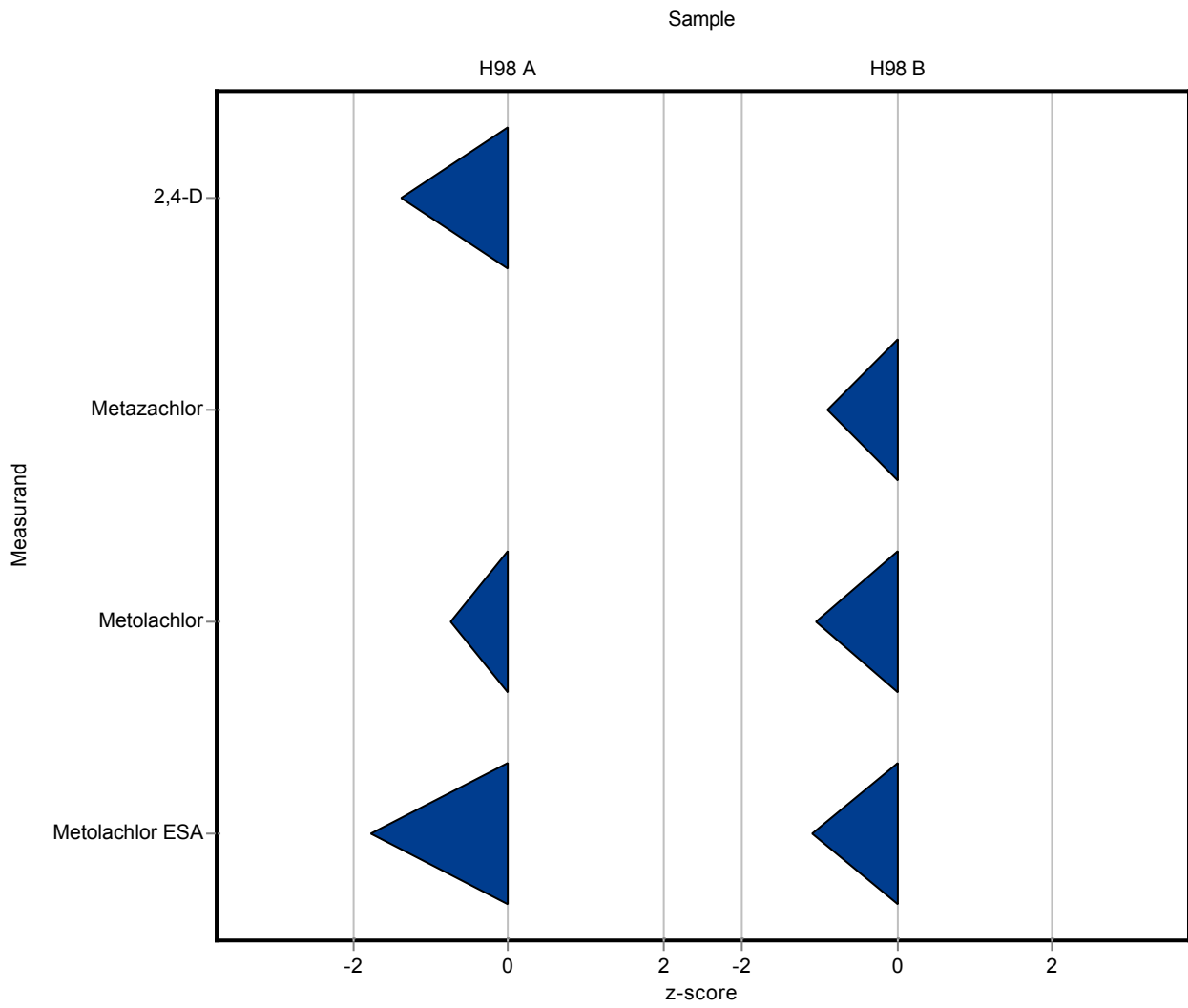
Sample: H98A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.384	± 0.0312	0.32	0.072	0.0465	83.4	-1.37
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.557	± 0.162	-	-	0.162	-	-
Alachlor	µg/l	-	± -	-	-	-	-	-
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.202	± 0.048	-	-	0.0423	-	-
AMPA	µg/l	0.225	± 0.0298	-	-	0.0344	-	-
Bentazone	µg/l	0.258	± 0.0224	-	-	0.0325	-	-
Dichlorprop	µg/l	0.177	± 0.0147	-	-	0.0183	-	-
Dicamba	µg/l	0.328	± 0.122	-	-	0.141	-	-
Glufosinate	µg/l	0.469	± 0.23	-	-	0.217	-	-
Glyphosate	µg/l	-	± -	-	-	-	-	-
Mecoprop	µg/l	0.103	± 0.00988	-	-	0.0147	-	-
Metazachlor ESA	µg/l	0.828	± 0.108	-	-	0.114	-	-
Metazachlor OA	µg/l	0.491	± 0.0347	-	-	0.0347	-	-
Metazachlor	µg/l	-	± -	<0.001 (LOQ)	-	-	-	-
Metolachlor	µg/l	0.18	± 0.0231	0.152	0.004	0.0369	84.6	-0.75
Metolachlor ESA	µg/l	0.861	± 0.0692	0.703	0.051	0.0894	81.6	-1.77
Metolachlor OA	µg/l	0.296	± 0.0356	-	-	0.0444	-	-

Sample: H98B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.12	± 0.0142	<0.2 (LOQ)	-	0.0206	-	-
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.246	± 0.0344	-	-	0.0325	-	-
Alachlor	µg/l	1.01	± 0.0916	-	-	0.11	-	-
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.206	± 0.0444	-	-	0.0392	-	-
AMPA	µg/l	0.687	± 0.0641	-	-	0.08	-	-
Bentazone	µg/l	0.346	± 0.0387	-	-	0.0591	-	-
Dichlorprop	µg/l	0.24	± 0.0137	-	-	0.0171	-	-
Dicamba	µg/l	0.806	± 0.131	-	-	0.144	-	-
Glufosinate	µg/l	0.123	± 0.0308	-	-	0.029	-	-
Glyphosate	µg/l	0.322	± 0.036	-	-	0.0433	-	-
Mecoprop	µg/l	0.522	± 0.0499	-	-	0.0744	-	-
Metazachlor ESA	µg/l	0.165	± 0.025	-	-	0.0276	-	-
Metazachlor OA	µg/l	-	± -	-	-	-	-	-

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Metazachlor	µg/l	0.447 ± 0.0433	0.386	0.038	0.0693	86.3	-0.89
Metolachlor	µg/l	0.596 ± 0.0657	0.488	0.014	0.105	81.8	-1.03
Metolachlor ESA	µg/l	0.243 ± 0.0185	0.217	0.016	0.0239	89.2	-1.1
Metolachlor OA	µg/l	0.395 ± 0.0455	-	-	0.0568	-	-





The following results were achieved:

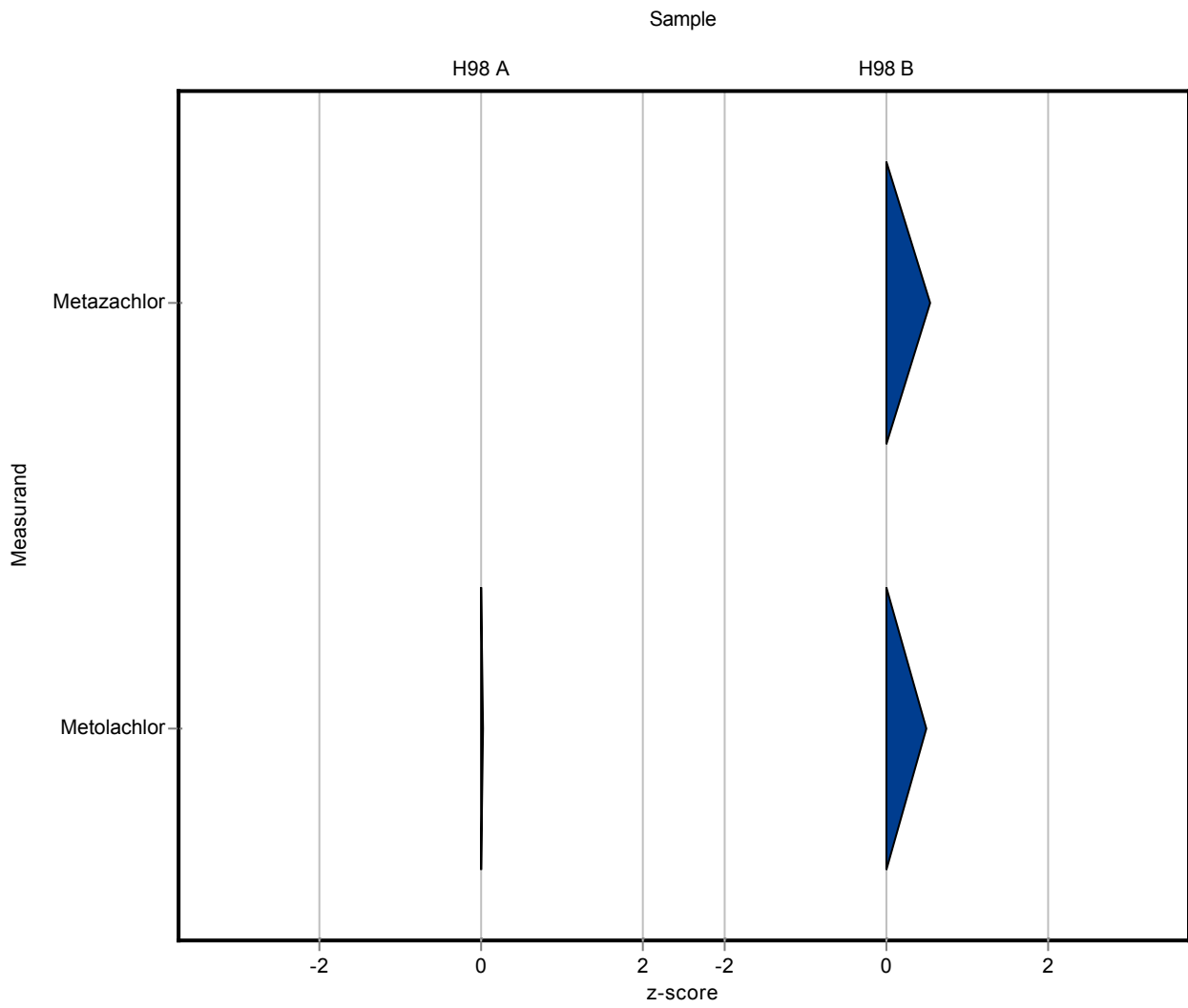
Sample: H98A

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.384 ± 0.0312	-	-	0.0465	-	-
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.557 ± 0.162	-	-	0.162	-	-
Alachlor	µg/l	- ± -	-	-	-	-	-
Alachlor ESA	µg/l	- ± -	-	-	-	-	-
Alachlor OA	µg/l	0.202 ± 0.048	-	-	0.0423	-	-
AMPA	µg/l	0.225 ± 0.0298	-	-	0.0344	-	-
Bentazone	µg/l	0.258 ± 0.0224	-	-	0.0325	-	-
Dichlorprop	µg/l	0.177 ± 0.0147	-	-	0.0183	-	-
Dicamba	µg/l	0.328 ± 0.122	-	-	0.141	-	-
Glufosinate	µg/l	0.469 ± 0.23	-	-	0.217	-	-
Glyphosate	µg/l	- ± -	-	-	-	-	-
Mecoprop	µg/l	0.103 ± 0.00988	-	-	0.0147	-	-
Metazachlor ESA	µg/l	0.828 ± 0.108	-	-	0.114	-	-
Metazachlor OA	µg/l	0.491 ± 0.0347	-	-	0.0347	-	-
Metazachlor	µg/l	- ± -	<0.03 (LOQ)	-	-	-	-
Metolachlor	µg/l	0.18 ± 0.0231	0.18	0.0342	0.0369	100	0.01
Metolachlor ESA	µg/l	0.861 ± 0.0692	-	-	0.0894	-	-
Metolachlor OA	µg/l	0.296 ± 0.0356	-	-	0.0444	-	-

Sample: H98B

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.12 ± 0.0142	-	-	0.0206	-	-
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.246 ± 0.0344	-	-	0.0325	-	-
Alachlor	µg/l	1.01 ± 0.0916	-	-	0.11	-	-
Alachlor ESA	µg/l	- ± -	-	-	-	-	-
Alachlor OA	µg/l	0.206 ± 0.0444	-	-	0.0392	-	-
AMPA	µg/l	0.687 ± 0.0641	-	-	0.08	-	-
Bentazone	µg/l	0.346 ± 0.0387	-	-	0.0591	-	-
Dichlorprop	µg/l	0.24 ± 0.0137	-	-	0.0171	-	-
Dicamba	µg/l	0.806 ± 0.131	-	-	0.144	-	-
Glufosinate	µg/l	0.123 ± 0.0308	-	-	0.029	-	-
Glyphosate	µg/l	0.322 ± 0.036	-	-	0.0433	-	-
Mecoprop	µg/l	0.522 ± 0.0499	-	-	0.0744	-	-
Metazachlor ESA	µg/l	0.165 ± 0.025	-	-	0.0276	-	-
Metazachlor OA	µg/l	- ± -	-	-	-	-	-

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Metazachlor	µg/l	0.447 ± 0.0433	0.485	0.092	0.0693	108	0.54
Metolachlor	µg/l	0.596 ± 0.0657	0.65	0.124	0.105	109	0.51
Metolachlor ESA	µg/l	0.243 ± 0.0185	-	-	0.0239	-	-
Metolachlor OA	µg/l	0.395 ± 0.0455	-	-	0.0568	-	-



The following results were achieved:

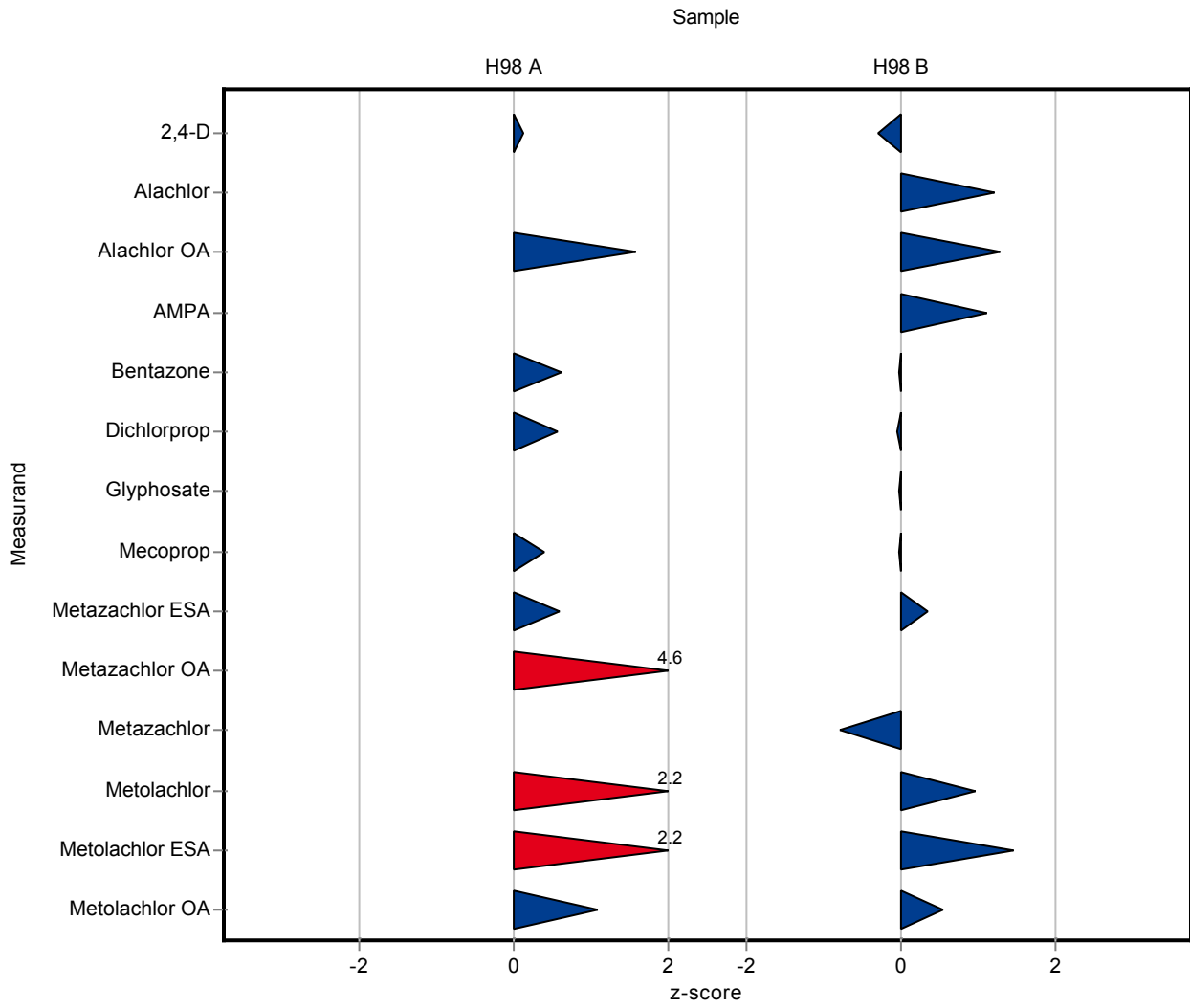
Sample: H98A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.384	± 0.0312	0.389	0.078	0.0465	101	0.11
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.557	± 0.162	-	-	0.162	-	-
Alachlor	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Alachlor ESA	µg/l	-	± -	0.177	0.044	-	-	-
Alachlor OA	µg/l	0.202	± 0.048	0.269	0.054	0.0423	133	1.59
AMPA	µg/l	0.225	± 0.0298	<0.05 (LOQ)	-	0.0344	-	-
Bentazone	µg/l	0.258	± 0.0224	0.278	0.042	0.0325	108	0.61
Dichlorprop	µg/l	0.177	± 0.0147	0.187	0.028	0.0183	106	0.56
Dicamba	µg/l	0.328	± 0.122	-	-	0.141	-	-
Glufosinate	µg/l	0.469	± 0.23	-	-	0.217	-	-
Glyphosate	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Mecoprop	µg/l	0.103	± 0.00988	0.109	0.022	0.0147	106	0.4
Metazachlor ESA	µg/l	0.828	± 0.108	0.895	0.224	0.114	108	0.59
Metazachlor OA	µg/l	0.491	± 0.0347	0.65	0.163	0.0347	132	4.59
Metazachlor	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Metolachlor	µg/l	0.18	± 0.0231	0.262	0.039	0.0369	146	2.23
Metolachlor ESA	µg/l	0.861	± 0.0692	1.06	0.159	0.0894	123	2.23
Metolachlor OA	µg/l	0.296	± 0.0356	0.344	0.069	0.0444	116	1.08

Sample: H98B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.12	± 0.0142	0.114	0.023	0.0206	94.9	-0.3
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.246	± 0.0344	-	-	0.0325	-	-
Alachlor	µg/l	1.01	± 0.0916	1.14	0.227	0.11	113	1.21
Alachlor ESA	µg/l	-	± -	0.351	0.088	-	-	-
Alachlor OA	µg/l	0.206	± 0.0444	0.256	0.051	0.0392	124	1.28
AMPA	µg/l	0.687	± 0.0641	0.775	0.194	0.08	113	1.11
Bentazone	µg/l	0.346	± 0.0387	0.345	0.052	0.0591	99.7	-0.02
Dichlorprop	µg/l	0.24	± 0.0137	0.239	0.036	0.0171	99.7	-0.05
Dicamba	µg/l	0.806	± 0.131	-	-	0.144	-	-
Glufosinate	µg/l	0.123	± 0.0308	-	-	0.029	-	-
Glyphosate	µg/l	0.322	± 0.036	0.321	0.08	0.0433	99.8	-0.01
Mecoprop	µg/l	0.522	± 0.0499	0.52	0.104	0.0744	99.5	-0.03
Metazachlor ESA	µg/l	0.165	± 0.025	0.175	0.044	0.0276	106	0.35
Metazachlor OA	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Metazachlor	µg/l	0.447 ± 0.0433	0.393	0.059	0.0693	87.8	-0.79
Metolachlor	µg/l	0.596 ± 0.0657	0.698	0.105	0.105	117	0.97
Metolachlor ESA	µg/l	0.243 ± 0.0185	0.278	0.042	0.0239	114	1.45
Metolachlor OA	µg/l	0.395 ± 0.0455	0.426	0.085	0.0568	108	0.56



The following results were achieved:

Sample: H98A

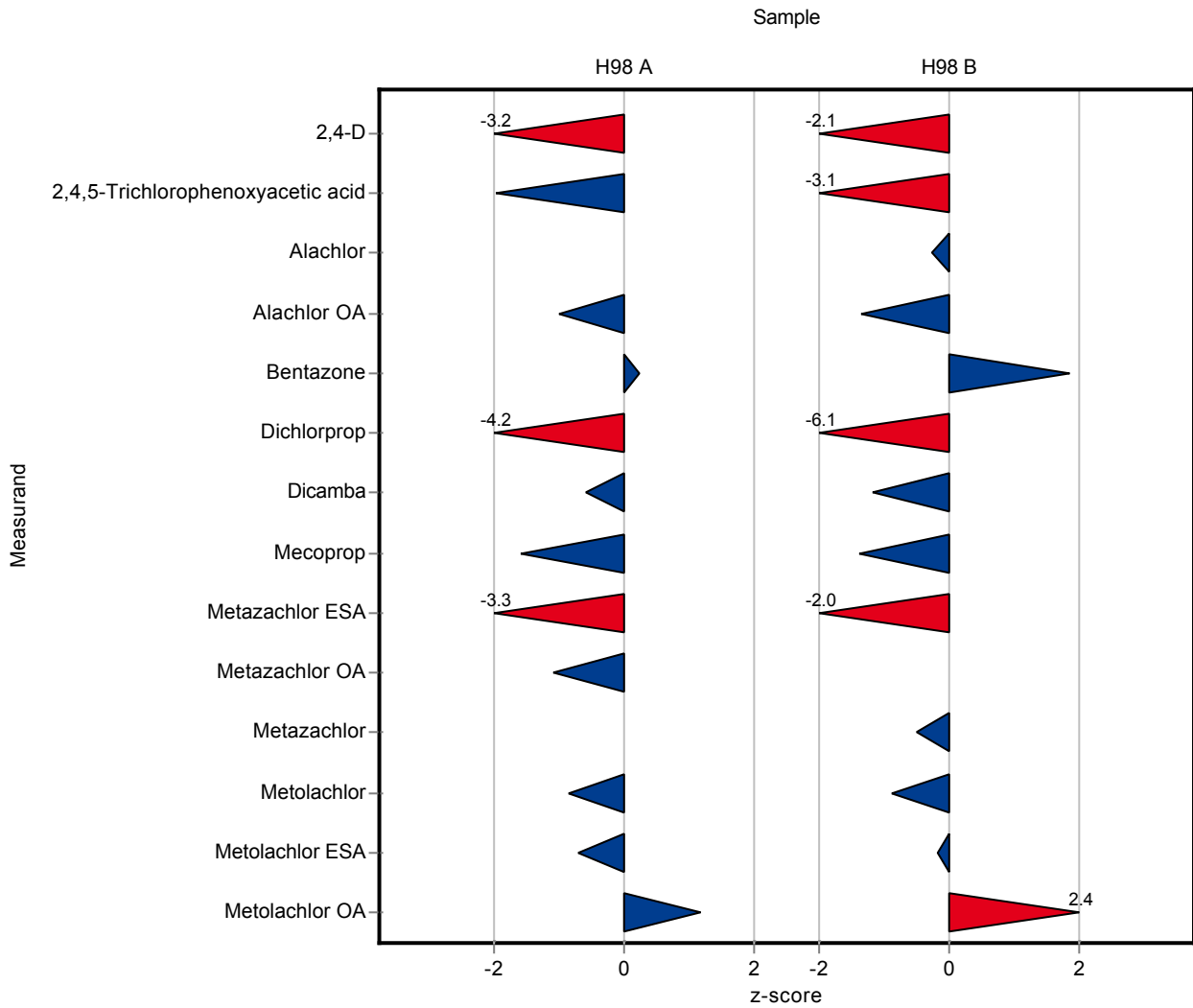
Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.384	± 0.0312	0.235	0.03525	0.0465	61.2	-3.2
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.557	± 0.162	0.238	0.0357	0.162	42.7	-1.97
Alachlor	µg/l	-	± -	<0.03 (LOQ)	-	-	-	-
Alachlor ESA	µg/l	-	± -	0.164	0.0246	-	-	-
Alachlor OA	µg/l	0.202	± 0.048	0.16	0.024	0.0423	79.3	-0.99
AMPA	µg/l	0.225	± 0.0298	-	-	0.0344	-	-
Bentazone	µg/l	0.258	± 0.0224	0.266	0.0399	0.0325	103	0.24
Dichlorprop	µg/l	0.177	± 0.0147	0.1	0.015	0.0183	56.6	-4.19
Dicamba	µg/l	0.328	± 0.122	0.245	0.03675	0.141	74.7	-0.59
Glufosinate	µg/l	0.469	± 0.23	-	-	0.217	-	-
Glyphosate	µg/l	-	± -	-	-	-	-	-
Mecoprop	µg/l	0.103	± 0.00988	0.08	0.012	0.0147	77.6	-1.57
Metazachlor ESA	µg/l	0.828	± 0.108	0.456	0.0684	0.114	55.1	-3.26
Metazachlor OA	µg/l	0.491	± 0.0347	0.453	0.06795	0.0347	92.3	-1.09
Metazachlor	µg/l	-	± -	<0.03 (LOQ)	-	-	-	-
Metolachlor	µg/l	0.18	± 0.0231	0.149	0.02235	0.0369	82.9	-0.83
Metolachlor ESA	µg/l	0.861	± 0.0692	0.798	0.1197	0.0894	92.7	-0.7
Metolachlor OA	µg/l	0.296	± 0.0356	0.348	0.0522	0.0444	118	1.17

Sample: H98B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.12	± 0.0142	0.076	0.0114	0.0206	63.3	-2.14
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.246	± 0.0344	0.146	0.0219	0.0325	59.3	-3.09
Alachlor	µg/l	1.01	± 0.0916	0.976	0.1464	0.11	97	-0.28
Alachlor ESA	µg/l	-	± -	0.284	0.0426	-	-	-
Alachlor OA	µg/l	0.206	± 0.0444	0.153	0.02295	0.0392	74.4	-1.35
AMPA	µg/l	0.687	± 0.0641	-	-	0.08	-	-
Bentazone	µg/l	0.346	± 0.0387	0.455	0.06825	0.0591	131	1.84
Dichlorprop	µg/l	0.24	± 0.0137	0.135	0.02025	0.0171	56.3	-6.11
Dicamba	µg/l	0.806	± 0.131	0.637	0.09555	0.144	79	-1.17
Glufosinate	µg/l	0.123	± 0.0308	-	-	0.029	-	-
Glyphosate	µg/l	0.322	± 0.036	-	-	0.0433	-	-
Mecoprop	µg/l	0.522	± 0.0499	0.419	0.06285	0.0744	80.2	-1.39
Metazachlor ESA	µg/l	0.165	± 0.025	0.11	0.0165	0.0276	66.5	-2.01
Metazachlor OA	µg/l	-	± -	<0.1 (LOQ)	-	-	-	-

Parameter	Unit	Target ± CI(99%)	Result ± U	Criteria	Recovery	z-score
Metazachlor	µg/l	0.447 ± 0.0433	0.413 0.06195	0.0693	92.3	-0.5
Metolachlor	µg/l	0.596 ± 0.0657	0.504 0.0756	0.105	84.5	-0.88
Metolachlor ESA	µg/l	0.243 ± 0.0185	0.239 0.03585	0.0239	98.2	-0.18
Metolachlor OA	µg/l	0.395 ± 0.0455	0.532 0.0798	0.0568	135	2.42





The following results were achieved:

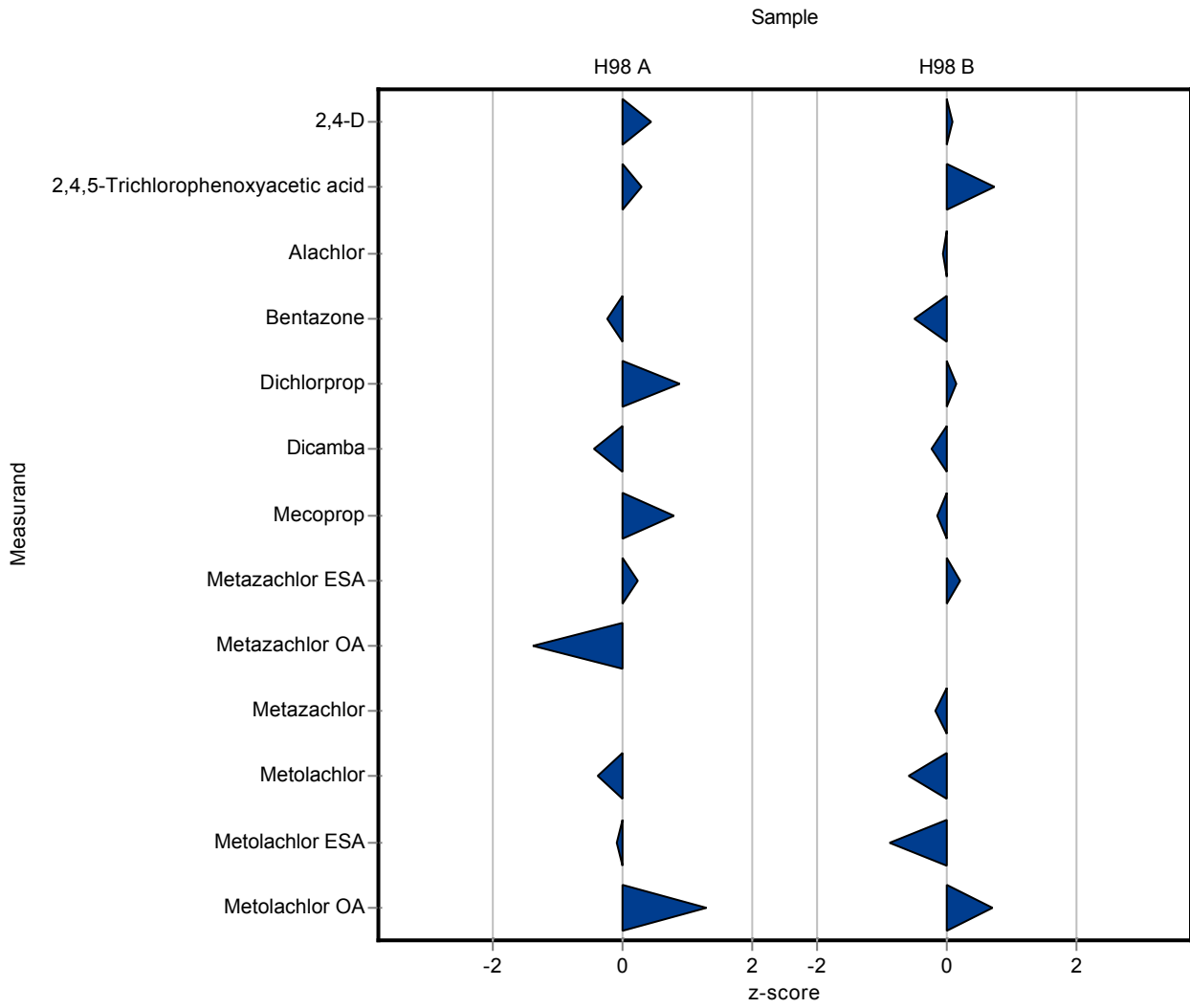
Sample: H98A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.384	± 0.0312	0.405	-	0.0465	106	0.46
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.557	± 0.162	0.605	-	0.162	109	0.3
Alachlor	µg/l	-	± -	<0.015 (LOQ)	-	-	-	-
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.202	± 0.048	-	-	0.0423	-	-
AMPA	µg/l	0.225	± 0.0298	-	-	0.0344	-	-
Bentazone	µg/l	0.258	± 0.0224	0.251	-	0.0325	97.2	-0.22
Dichlorprop	µg/l	0.177	± 0.0147	0.193	-	0.0183	109	0.89
Dicamba	µg/l	0.328	± 0.122	0.267	-	0.141	81.4	-0.43
Glufosinate	µg/l	0.469	± 0.23	-	-	0.217	-	-
Glyphosate	µg/l	-	± -	-	-	-	-	-
Mecoprop	µg/l	0.103	± 0.00988	0.115	-	0.0147	112	0.81
Metazachlor ESA	µg/l	0.828	± 0.108	0.856	-	0.114	103	0.24
Metazachlor OA	µg/l	0.491	± 0.0347	0.443	-	0.0347	90.3	-1.38
Metazachlor	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Metolachlor	µg/l	0.18	± 0.0231	0.166	-	0.0369	92.4	-0.37
Metolachlor ESA	µg/l	0.861	± 0.0692	0.854	-	0.0894	99.2	-0.08
Metolachlor OA	µg/l	0.296	± 0.0356	0.353	-	0.0444	119	1.28

Sample: H98B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.12	± 0.0142	0.122	-	0.0206	102	0.09
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.246	± 0.0344	0.27	-	0.0325	110	0.73
Alachlor	µg/l	1.01	± 0.0916	1	-	0.11	99.4	-0.06
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.206	± 0.0444	-	-	0.0392	-	-
AMPA	µg/l	0.687	± 0.0641	-	-	0.08	-	-
Bentazone	µg/l	0.346	± 0.0387	0.317	-	0.0591	91.6	-0.49
Dichlorprop	µg/l	0.24	± 0.0137	0.242	-	0.0171	101	0.13
Dicamba	µg/l	0.806	± 0.131	0.773	-	0.144	95.9	-0.23
Glufosinate	µg/l	0.123	± 0.0308	-	-	0.029	-	-
Glyphosate	µg/l	0.322	± 0.036	-	-	0.0433	-	-
Mecoprop	µg/l	0.522	± 0.0499	0.51	-	0.0744	97.6	-0.17
Metazachlor ESA	µg/l	0.165	± 0.025	0.171	-	0.0276	103	0.2
Metazachlor OA	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Metazachlor	µg/l	0.447 ± 0.0433	0.435	-	0.0693	97.2	-0.18
Metolachlor	µg/l	0.596 ± 0.0657	0.535	-	0.105	89.7	-0.58
Metolachlor ESA	µg/l	0.243 ± 0.0185	0.222	-	0.0239	91.3	-0.89
Metolachlor OA	µg/l	0.395 ± 0.0455	0.435	-	0.0568	110	0.71



The following results were achieved:

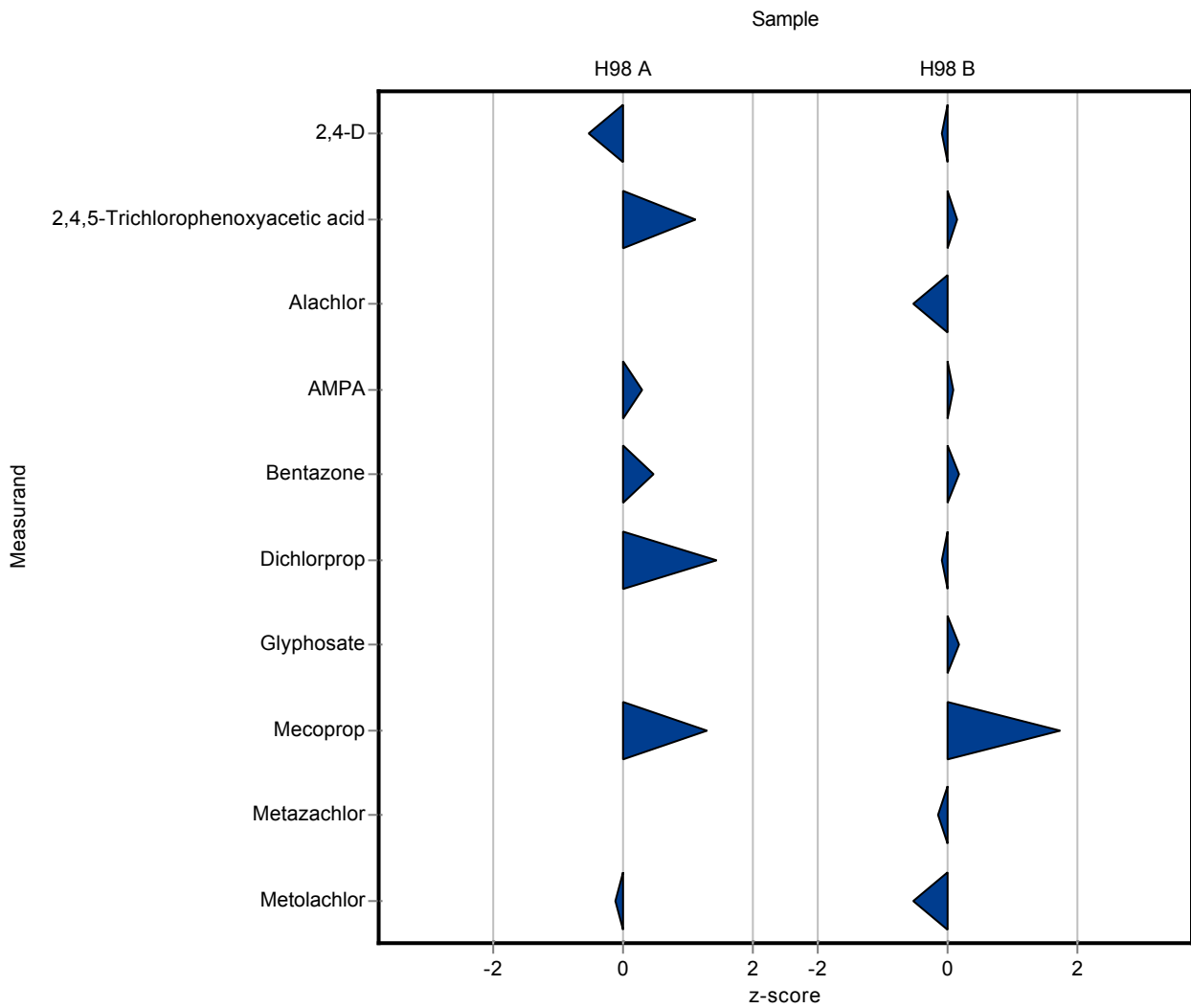
Sample: H98A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.384	± 0.0312	0.36	0.089	0.0465	93.8	-0.51
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.557	± 0.162	0.738	0.226	0.162	133	1.12
Alachlor	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.202	± 0.048	-	-	0.0423	-	-
AMPA	µg/l	0.225	± 0.0298	0.235	0.022	0.0344	104	0.29
Bentazone	µg/l	0.258	± 0.0224	0.274	0.048	0.0325	106	0.49
Dichlorprop	µg/l	0.177	± 0.0147	0.203	0.073	0.0183	115	1.43
Dicamba	µg/l	0.328	± 0.122	<0.5 (LOQ)	-	0.141	-	-
Glufosinate	µg/l	0.469	± 0.23	-	-	0.217	-	-
Glyphosate	µg/l	-	± -	<0.025 (LOQ)	-	-	-	-
Mecoprop	µg/l	0.103	± 0.00988	0.122	0.0362	0.0147	118	1.28
Metazachlor ESA	µg/l	0.828	± 0.108	-	-	0.114	-	-
Metazachlor OA	µg/l	0.491	± 0.0347	-	-	0.0347	-	-
Metazachlor	µg/l	-	± -	<0.03 (LOQ)	-	-	-	-
Metolachlor	µg/l	0.18	± 0.0231	0.176	0.056	0.0369	97.9	-0.1
Metolachlor ESA	µg/l	0.861	± 0.0692	-	-	0.0894	-	-
Metolachlor OA	µg/l	0.296	± 0.0356	-	-	0.0444	-	-

Sample: H98B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.12	± 0.0142	0.118	0.029	0.0206	98.2	-0.1
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.246	± 0.0344	0.251	0.077	0.0325	102	0.15
Alachlor	µg/l	1.01	± 0.0916	0.948	0.377	0.11	94.2	-0.53
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.206	± 0.0444	-	-	0.0392	-	-
AMPA	µg/l	0.687	± 0.0641	0.694	0.101	0.08	101	0.09
Bentazone	µg/l	0.346	± 0.0387	0.356	0.063	0.0591	103	0.17
Dichlorprop	µg/l	0.24	± 0.0137	0.238	0.086	0.0171	99.3	-0.1
Dicamba	µg/l	0.806	± 0.131	<0.5 (LOQ)	-	0.144	-	-
Glufosinate	µg/l	0.123	± 0.0308	-	-	0.029	-	-
Glyphosate	µg/l	0.322	± 0.036	0.329	0.039	0.0433	102	0.17
Mecoprop	µg/l	0.522	± 0.0499	0.65	0.193	0.0744	124	1.71
Metazachlor ESA	µg/l	0.165	± 0.025	-	-	0.0276	-	-
Metazachlor OA	µg/l	-	± -	-	-	-	-	-

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Metazachlor	µg/l	0.447 ± 0.0433	0.436	-	0.0693	97.4	-0.17
Metolachlor	µg/l	0.596 ± 0.0657	0.541	0.173	0.105	90.7	-0.53
Metolachlor ESA	µg/l	0.243 ± 0.0185	-	-	0.0239	-	-
Metolachlor OA	µg/l	0.395 ± 0.0455	-	-	0.0568	-	-



The following results were achieved:

Sample: H98A

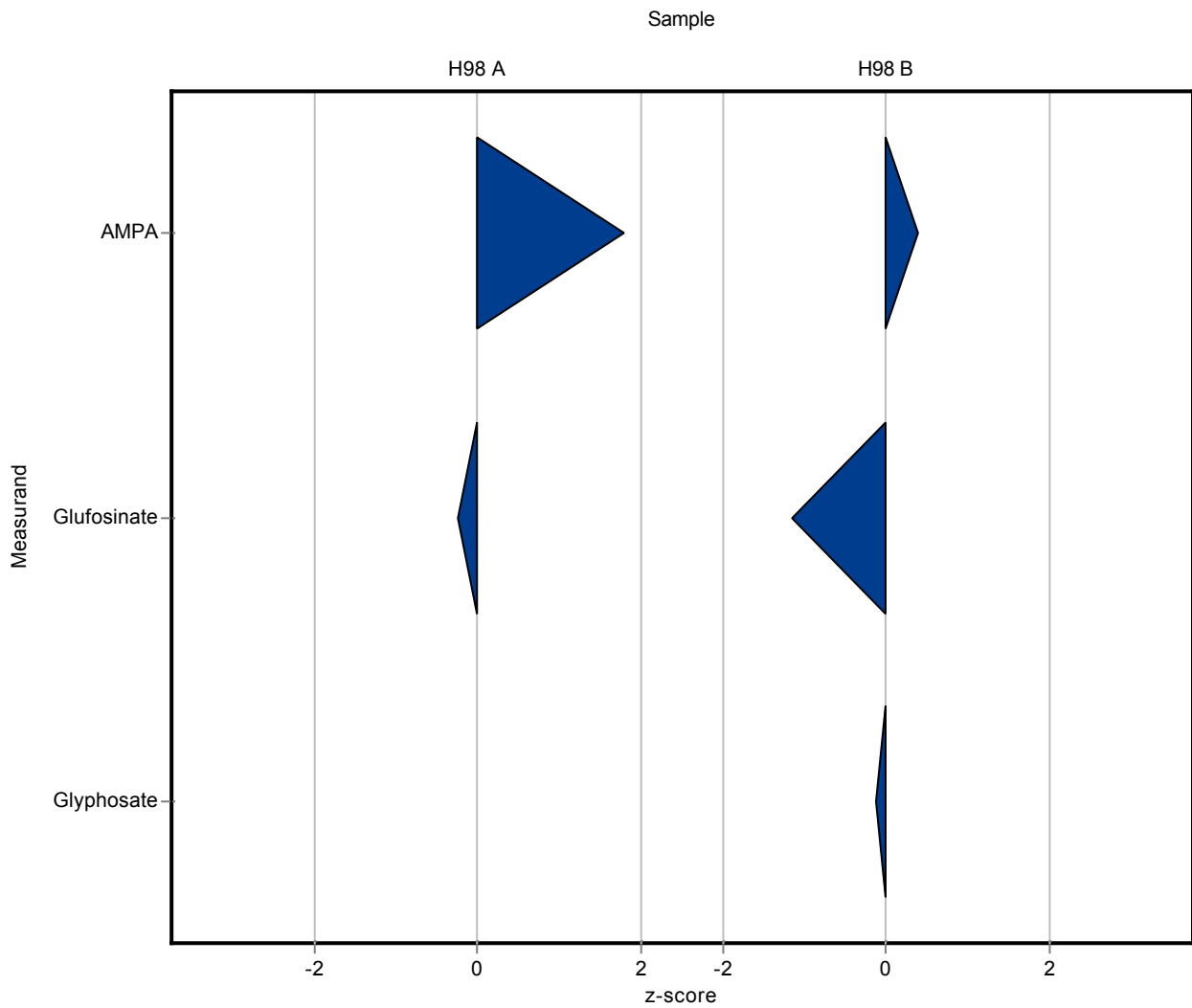
Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.384 ± 0.0312	-	-	0.0465	-	-
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.557 ± 0.162	-	-	0.162	-	-
Alachlor	µg/l	- ± -	-	-	-	-	-
Alachlor ESA	µg/l	- ± -	-	-	-	-	-
Alachlor OA	µg/l	0.202 ± 0.048	-	-	0.0423	-	-
AMPA	µg/l	0.225 ± 0.0298	0.287	-	0.0344	127	1.8
Bentazone	µg/l	0.258 ± 0.0224	-	-	0.0325	-	-
Dichlorprop	µg/l	0.177 ± 0.0147	-	-	0.0183	-	-
Dicamba	µg/l	0.328 ± 0.122	-	-	0.141	-	-
Glufosinate	µg/l	0.469 ± 0.23	0.416	-	0.217	88.7	-0.24
Glyphosate	µg/l	- ± -	<0.05 (LOQ)	-	-	-	-
Mecoprop	µg/l	0.103 ± 0.00988	-	-	0.0147	-	-
Metazachlor ESA	µg/l	0.828 ± 0.108	-	-	0.114	-	-
Metazachlor OA	µg/l	0.491 ± 0.0347	-	-	0.0347	-	-
Metazachlor	µg/l	- ± -	-	-	-	-	-
Metolachlor	µg/l	0.18 ± 0.0231	-	-	0.0369	-	-
Metolachlor ESA	µg/l	0.861 ± 0.0692	-	-	0.0894	-	-
Metolachlor OA	µg/l	0.296 ± 0.0356	-	-	0.0444	-	-

Sample: H98B

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.12 ± 0.0142	-	-	0.0206	-	-
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.246 ± 0.0344	-	-	0.0325	-	-
Alachlor	µg/l	1.01 ± 0.0916	-	-	0.11	-	-
Alachlor ESA	µg/l	- ± -	-	-	-	-	-
Alachlor OA	µg/l	0.206 ± 0.0444	-	-	0.0392	-	-
AMPA	µg/l	0.687 ± 0.0641	0.717	-	0.08	104	0.38
Bentazone	µg/l	0.346 ± 0.0387	-	-	0.0591	-	-
Dichlorprop	µg/l	0.24 ± 0.0137	-	-	0.0171	-	-
Dicamba	µg/l	0.806 ± 0.131	-	-	0.144	-	-
Glufosinate	µg/l	0.123 ± 0.0308	0.089	-	0.029	72.6	-1.16
Glyphosate	µg/l	0.322 ± 0.036	0.316	-	0.0433	98.3	-0.13
Mecoprop	µg/l	0.522 ± 0.0499	-	-	0.0744	-	-
Metazachlor ESA	µg/l	0.165 ± 0.025	-	-	0.0276	-	-
Metazachlor OA	µg/l	- ± -	-	-	-	-	-



Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Metazachlor	µg/l	0.447 ± 0.0433	-	-	0.0693	-	-
Metolachlor	µg/l	0.596 ± 0.0657	-	-	0.105	-	-
Metolachlor ESA	µg/l	0.243 ± 0.0185	-	-	0.0239	-	-
Metolachlor OA	µg/l	0.395 ± 0.0455	-	-	0.0568	-	-



The following results were achieved:

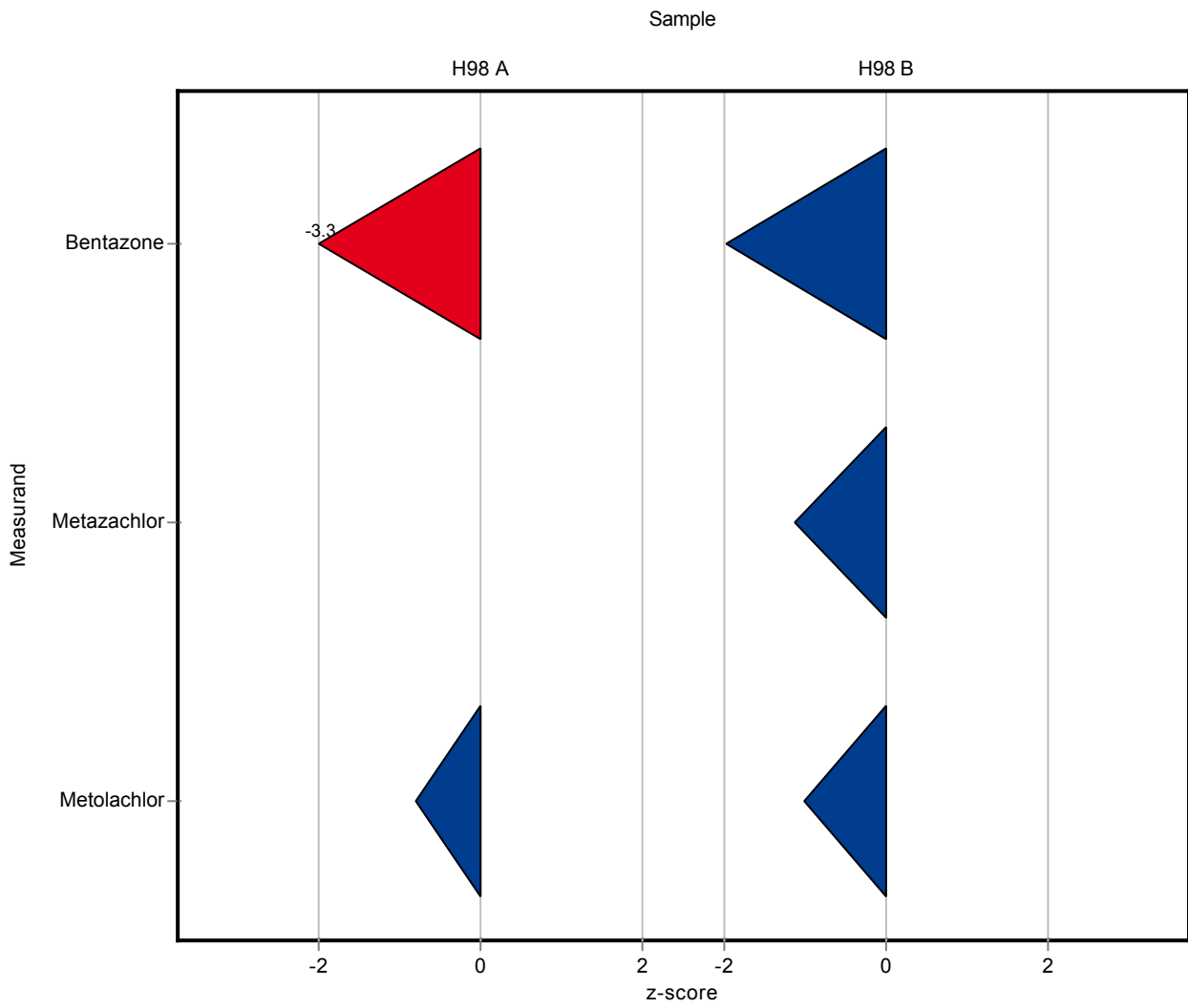
Sample: H98A

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.384 ± 0.0312	-	-	0.0465	-	-
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.557 ± 0.162	-	-	0.162	-	-
Alachlor	µg/l	- ± -	-	-	-	-	-
Alachlor ESA	µg/l	- ± -	-	-	-	-	-
Alachlor OA	µg/l	0.202 ± 0.048	-	-	0.0423	-	-
AMPA	µg/l	0.225 ± 0.0298	-	-	0.0344	-	-
Bentazone	µg/l	0.258 ± 0.0224	0.15	0.04	0.0325	58.1	-3.33
Dichlorprop	µg/l	0.177 ± 0.0147	-	-	0.0183	-	-
Dicamba	µg/l	0.328 ± 0.122	-	-	0.141	-	-
Glufosinate	µg/l	0.469 ± 0.23	-	-	0.217	-	-
Glyphosate	µg/l	- ± -	-	-	-	-	-
Mecoprop	µg/l	0.103 ± 0.00988	-	-	0.0147	-	-
Metazachlor ESA	µg/l	0.828 ± 0.108	-	-	0.114	-	-
Metazachlor OA	µg/l	0.491 ± 0.0347	-	-	0.0347	-	-
Metazachlor	µg/l	- ± -	<0.05 (LOQ)	-	-	-	-
Metolachlor	µg/l	0.18 ± 0.0231	0.15	0.03	0.0369	83.5	-0.81
Metolachlor ESA	µg/l	0.861 ± 0.0692	-	-	0.0894	-	-
Metolachlor OA	µg/l	0.296 ± 0.0356	-	-	0.0444	-	-

Sample: H98B

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.12 ± 0.0142	-	-	0.0206	-	-
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.246 ± 0.0344	-	-	0.0325	-	-
Alachlor	µg/l	1.01 ± 0.0916	-	-	0.11	-	-
Alachlor ESA	µg/l	- ± -	-	-	-	-	-
Alachlor OA	µg/l	0.206 ± 0.0444	-	-	0.0392	-	-
AMPA	µg/l	0.687 ± 0.0641	-	-	0.08	-	-
Bentazone	µg/l	0.346 ± 0.0387	0.23	0.06	0.0591	66.5	-1.96
Dichlorprop	µg/l	0.24 ± 0.0137	-	-	0.0171	-	-
Dicamba	µg/l	0.806 ± 0.131	-	-	0.144	-	-
Glufosinate	µg/l	0.123 ± 0.0308	-	-	0.029	-	-
Glyphosate	µg/l	0.322 ± 0.036	-	-	0.0433	-	-
Mecoprop	µg/l	0.522 ± 0.0499	-	-	0.0744	-	-
Metazachlor ESA	µg/l	0.165 ± 0.025	-	-	0.0276	-	-
Metazachlor OA	µg/l	- ± -	-	-	-	-	-

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Metazachlor	µg/l	0.447 ± 0.0433	0.37	0.05	0.0693	82.7	-1.12
Metolachlor	µg/l	0.596 ± 0.0657	0.49	0.08	0.105	82.2	-1.01
Metolachlor ESA	µg/l	0.243 ± 0.0185	-	-	0.0239	-	-
Metolachlor OA	µg/l	0.395 ± 0.0455	-	-	0.0568	-	-



The following results were achieved:

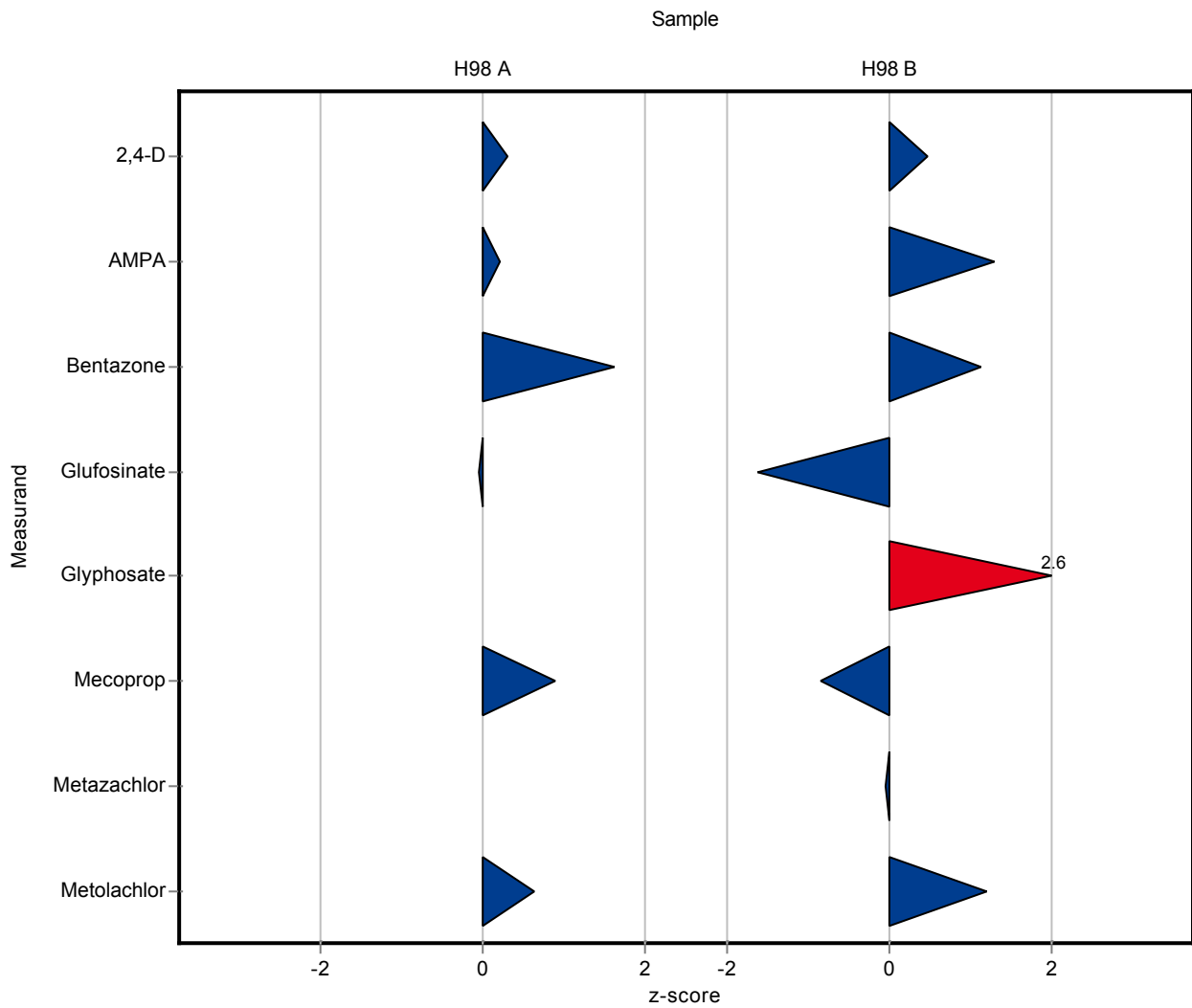
Sample: H98A

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.384 ± 0.0312	0.398	-	0.0465	104	0.31
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.557 ± 0.162	-	-	0.162	-	-
Alachlor	µg/l	- ± -	-	-	-	-	-
Alachlor ESA	µg/l	- ± -	-	-	-	-	-
Alachlor OA	µg/l	0.202 ± 0.048	-	-	0.0423	-	-
AMPA	µg/l	0.225 ± 0.0298	0.232	-	0.0344	103	0.2
Bentazone	µg/l	0.258 ± 0.0224	0.311	-	0.0325	120	1.62
Dichlorprop	µg/l	0.177 ± 0.0147	-	-	0.0183	-	-
Dicamba	µg/l	0.328 ± 0.122	-	-	0.141	-	-
Glufosinate	µg/l	0.469 ± 0.23	0.455	-	0.217	97	-0.06
Glyphosate	µg/l	- ± -	<0.002 (LOQ)	-	-	-	-
Mecoprop	µg/l	0.103 ± 0.00988	0.116	-	0.0147	113	0.88
Metazachlor ESA	µg/l	0.828 ± 0.108	-	-	0.114	-	-
Metazachlor OA	µg/l	0.491 ± 0.0347	-	-	0.0347	-	-
Metazachlor	µg/l	- ± -	<0.01 (LOD)	-	-	-	-
Metolachlor	µg/l	0.18 ± 0.0231	0.203	-	0.0369	113	0.63
Metolachlor ESA	µg/l	0.861 ± 0.0692	-	-	0.0894	-	-
Metolachlor OA	µg/l	0.296 ± 0.0356	-	-	0.0444	-	-

Sample: H98B

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.12 ± 0.0142	0.13	-	0.0206	108	0.48
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.246 ± 0.0344	-	-	0.0325	-	-
Alachlor	µg/l	1.01 ± 0.0916	-	-	0.11	-	-
Alachlor ESA	µg/l	- ± -	-	-	-	-	-
Alachlor OA	µg/l	0.206 ± 0.0444	-	-	0.0392	-	-
AMPA	µg/l	0.687 ± 0.0641	0.791	-	0.08	115	1.31
Bentazone	µg/l	0.346 ± 0.0387	0.413	-	0.0591	119	1.13
Dichlorprop	µg/l	0.24 ± 0.0137	-	-	0.0171	-	-
Dicamba	µg/l	0.806 ± 0.131	-	-	0.144	-	-
Glufosinate	µg/l	0.123 ± 0.0308	0.076	-	0.029	62	-1.61
Glyphosate	µg/l	0.322 ± 0.036	0.434	-	0.0433	135	2.6
Mecoprop	µg/l	0.522 ± 0.0499	0.459	-	0.0744	87.9	-0.85
Metazachlor ESA	µg/l	0.165 ± 0.025	-	-	0.0276	-	-
Metazachlor OA	µg/l	- ± -	-	-	-	-	-

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Metazachlor	µg/l	0.447 ± 0.0433	0.444	-	0.0693	99.2	-0.05
Metolachlor	µg/l	0.596 ± 0.0657	0.724	-	0.105	121	1.22
Metolachlor ESA	µg/l	0.243 ± 0.0185	-	-	0.0239	-	-
Metolachlor OA	µg/l	0.395 ± 0.0455	-	-	0.0568	-	-





The following results were achieved:

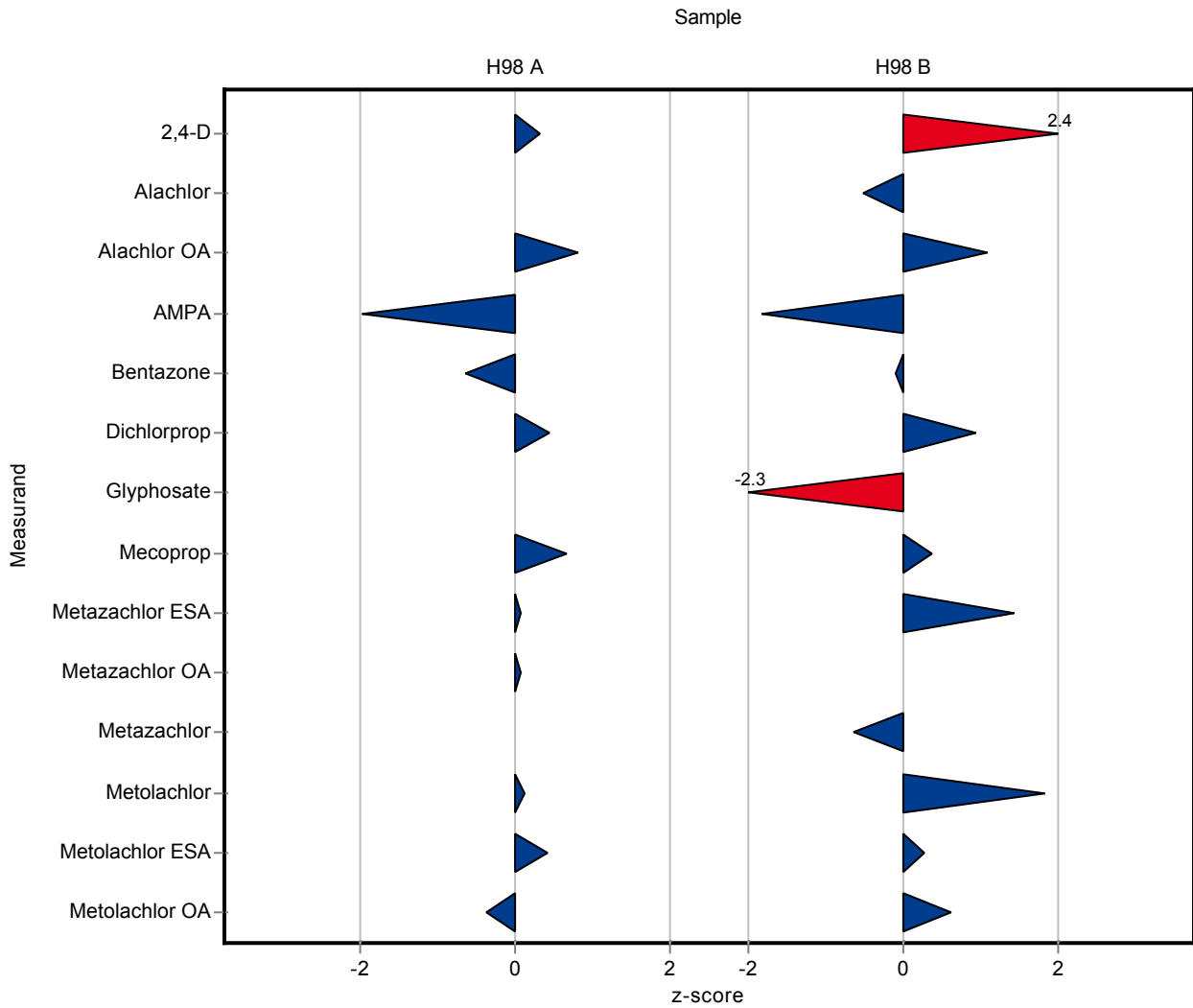
Sample: H98A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.384	± 0.0312	0.399	0.1	0.0465	104	0.33
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.557	± 0.162	-	-	0.162	-	-
Alachlor	µg/l	-	± -	<0.005 (LOD)	-	-	-	-
Alachlor ESA	µg/l	-	± -	0.116	0.024	-	-	-
Alachlor OA	µg/l	0.202	± 0.048	0.236	0.09	0.0423	117	0.81
AMPA	µg/l	0.225	± 0.0298	0.157	0.038	0.0344	69.7	-1.98
Bentazone	µg/l	0.258	± 0.0224	0.237	0.043	0.0325	91.8	-0.65
Dichlorprop	µg/l	0.177	± 0.0147	0.185	0.045	0.0183	105	0.45
Dicamba	µg/l	0.328	± 0.122	-	-	0.141	-	-
Glufosinate	µg/l	0.469	± 0.23	-	-	0.217	-	-
Glyphosate	µg/l	-	± -	<0.032 (LOD)	-	-	-	-
Mecoprop	µg/l	0.103	± 0.00988	0.113	0.029	0.0147	110	0.67
Metazachlor ESA	µg/l	0.828	± 0.108	0.837	0.218	0.114	101	0.08
Metazachlor OA	µg/l	0.491	± 0.0347	0.493	0.089	0.0347	100	0.06
Metazachlor	µg/l	-	± -	<0.005 (LOD)	-	-	-	-
Metolachlor	µg/l	0.18	± 0.0231	0.184	0.037	0.0369	102	0.12
Metolachlor ESA	µg/l	0.861	± 0.0692	0.898	0.18	0.0894	104	0.41
Metolachlor OA	µg/l	0.296	± 0.0356	0.28	0.062	0.0444	94.6	-0.36

Sample: H98B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.12	± 0.0142	0.169	0.043	0.0206	141	2.37
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.246	± 0.0344	-	-	0.0325	-	-
Alachlor	µg/l	1.01	± 0.0916	0.949	0.171	0.11	94.3	-0.52
Alachlor ESA	µg/l	-	± -	0.256	0.054	-	-	-
Alachlor OA	µg/l	0.206	± 0.0444	0.248	0.094	0.0392	121	1.08
AMPA	µg/l	0.687	± 0.0641	0.54	0.13	0.08	78.7	-1.83
Bentazone	µg/l	0.346	± 0.0387	0.34	0.061	0.0591	98.3	-0.1
Dichlorprop	µg/l	0.24	± 0.0137	0.256	0.062	0.0171	107	0.95
Dicamba	µg/l	0.806	± 0.131	-	-	0.144	-	-
Glufosinate	µg/l	0.123	± 0.0308	-	-	0.029	-	-
Glyphosate	µg/l	0.322	± 0.036	0.221	0.031	0.0433	68.7	-2.33
Mecoprop	µg/l	0.522	± 0.0499	0.551	0.144	0.0744	105	0.38
Metazachlor ESA	µg/l	0.165	± 0.025	0.205	0.053	0.0276	124	1.43
Metazachlor OA	µg/l	-	± -	<0.005 (LOD)	-	-	-	-

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Metazachlor	µg/l	0.447 ± 0.0433	0.403	0.052	0.0693	90.1	-0.64
Metolachlor	µg/l	0.596 ± 0.0657	0.788	0.117	0.105	132	1.82
Metolachlor ESA	µg/l	0.243 ± 0.0185	0.25	0.05	0.0239	103	0.28
Metolachlor OA	µg/l	0.395 ± 0.0455	0.429	0.094	0.0568	109	0.61



The following results were achieved:

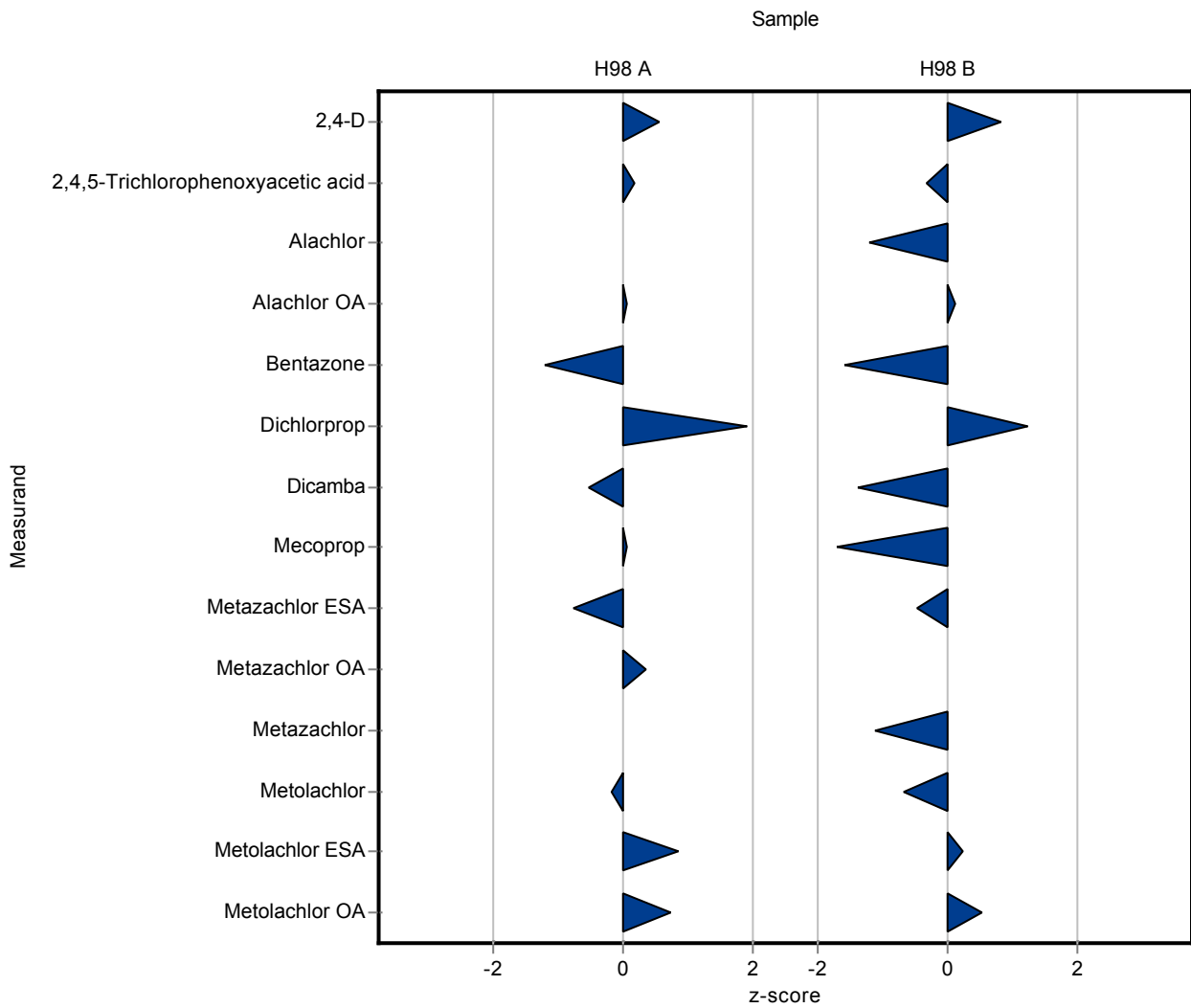
Sample: H98A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.384	± 0.0312	0.41	0.082	0.0465	107	0.56
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.557	± 0.162	0.586	0.117	0.162	105	0.18
Alachlor	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.202	± 0.048	0.204	0.041	0.0423	101	0.05
AMPA	µg/l	0.225	± 0.0298	-	-	0.0344	-	-
Bentazone	µg/l	0.258	± 0.0224	0.219	0.044	0.0325	84.8	-1.2
Dichlorprop	µg/l	0.177	± 0.0147	0.212	0.042	0.0183	120	1.92
Dicamba	µg/l	0.328	± 0.122	0.253	0.051	0.141	77.2	-0.53
Glufosinate	µg/l	0.469	± 0.23	-	-	0.217	-	-
Glyphosate	µg/l	-	± -	-	-	-	-	-
Mecoprop	µg/l	0.103	± 0.00988	0.104	0.021	0.0147	101	0.06
Metazachlor ESA	µg/l	0.828	± 0.108	0.742	0.148	0.114	89.6	-0.76
Metazachlor OA	µg/l	0.491	± 0.0347	0.503	0.101	0.0347	102	0.35
Metazachlor	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Metolachlor	µg/l	0.18	± 0.0231	0.173	0.035	0.0369	96.3	-0.18
Metolachlor ESA	µg/l	0.861	± 0.0692	0.937	0.187	0.0894	109	0.85
Metolachlor OA	µg/l	0.296	± 0.0356	0.329	0.066	0.0444	111	0.74

Sample: H98B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.12	± 0.0142	0.137	0.027	0.0206	114	0.82
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.246	± 0.0344	0.236	0.047	0.0325	95.8	-0.32
Alachlor	µg/l	1.01	± 0.0916	0.872	0.174	0.11	86.6	-1.22
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.206	± 0.0444	0.21	0.042	0.0392	102	0.11
AMPA	µg/l	0.687	± 0.0641	-	-	0.08	-	-
Bentazone	µg/l	0.346	± 0.0387	0.252	0.05	0.0591	72.8	-1.59
Dichlorprop	µg/l	0.24	± 0.0137	0.261	0.052	0.0171	109	1.24
Dicamba	µg/l	0.806	± 0.131	0.606	0.121	0.144	75.2	-1.39
Glufosinate	µg/l	0.123	± 0.0308	-	-	0.029	-	-
Glyphosate	µg/l	0.322	± 0.036	-	-	0.0433	-	-
Mecoprop	µg/l	0.522	± 0.0499	0.395	0.079	0.0744	75.6	-1.71
Metazachlor ESA	µg/l	0.165	± 0.025	0.152	0.03	0.0276	91.9	-0.49
Metazachlor OA	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Metazachlor	µg/l	0.447 ± 0.0433	0.369	0.074	0.0693	82.5	-1.13
Metolachlor	µg/l	0.596 ± 0.0657	0.526	0.105	0.105	88.2	-0.67
Metolachlor ESA	µg/l	0.243 ± 0.0185	0.249	0.05	0.0239	102	0.24
Metolachlor OA	µg/l	0.395 ± 0.0455	0.424	0.085	0.0568	107	0.52



The following results were achieved:

Sample: H98A

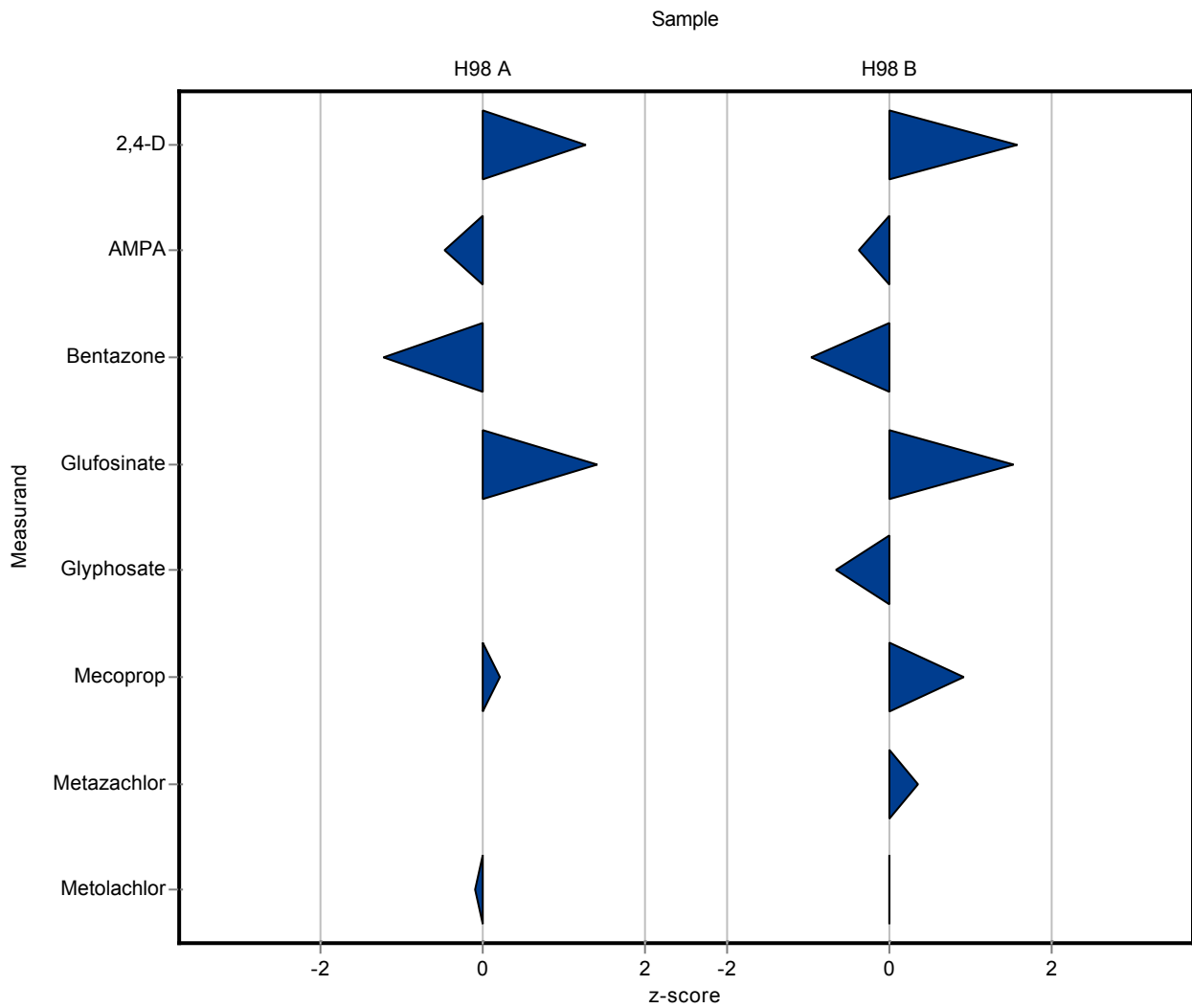
Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.384	± 0.0312	0.443	0.159	0.0465	115	1.27
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.557	± 0.162	-	-	0.162	-	-
Alachlor	µg/l	-	± -	-	-	-	-	-
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.202	± 0.048	-	-	0.0423	-	-
AMPA	µg/l	0.225	± 0.0298	0.209	0.031	0.0344	92.8	-0.47
Bentazone	µg/l	0.258	± 0.0224	0.218	0.031	0.0325	84.4	-1.23
Dichlorprop	µg/l	0.177	± 0.0147	-	-	0.0183	-	-
Dicamba	µg/l	0.328	± 0.122	-	-	0.141	-	-
Glufosinate	µg/l	0.469	± 0.23	0.772	0.154	0.217	165	1.4
Glyphosate	µg/l	-	± -	<0.005 (LOQ)	-	-	-	-
Mecoprop	µg/l	0.103	± 0.00988	0.106	0.014	0.0147	103	0.2
Metazachlor ESA	µg/l	0.828	± 0.108	-	-	0.114	-	-
Metazachlor OA	µg/l	0.491	± 0.0347	-	-	0.0347	-	-
Metazachlor	µg/l	-	± -	<0.005 (LOQ)	-	-	-	-
Metolachlor	µg/l	0.18	± 0.0231	0.176	0.042	0.0369	97.9	-0.1
Metolachlor ESA	µg/l	0.861	± 0.0692	-	-	0.0894	-	-
Metolachlor OA	µg/l	0.296	± 0.0356	-	-	0.0444	-	-

Sample: H98B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.12	± 0.0142	0.153	0.055	0.0206	127	1.59
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.246	± 0.0344	-	-	0.0325	-	-
Alachlor	µg/l	1.01	± 0.0916	-	-	0.11	-	-
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.206	± 0.0444	-	-	0.0392	-	-
AMPA	µg/l	0.687	± 0.0641	0.657	0.099	0.08	95.7	-0.37
Bentazone	µg/l	0.346	± 0.0387	0.29	0.041	0.0591	83.8	-0.95
Dichlorprop	µg/l	0.24	± 0.0137	-	-	0.0171	-	-
Dicamba	µg/l	0.806	± 0.131	-	-	0.144	-	-
Glufosinate	µg/l	0.123	± 0.0308	0.167	0.033	0.029	136	1.53
Glyphosate	µg/l	0.322	± 0.036	0.293	0.059	0.0433	91.1	-0.66
Mecoprop	µg/l	0.522	± 0.0499	0.591	0.077	0.0744	113	0.92
Metazachlor ESA	µg/l	0.165	± 0.025	-	-	0.0276	-	-
Metazachlor OA	µg/l	-	± -	-	-	-	-	-

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Metazachlor	µg/l	0.447 ± 0.0433	0.472	0.047	0.0693	105	0.35
Metolachlor	µg/l	0.596 ± 0.0657	0.598	0.144	0.105	100	0.02
Metolachlor ESA	µg/l	0.243 ± 0.0185	-	-	0.0239	-	-
Metolachlor OA	µg/l	0.395 ± 0.0455	-	-	0.0568	-	-





The following results were achieved:

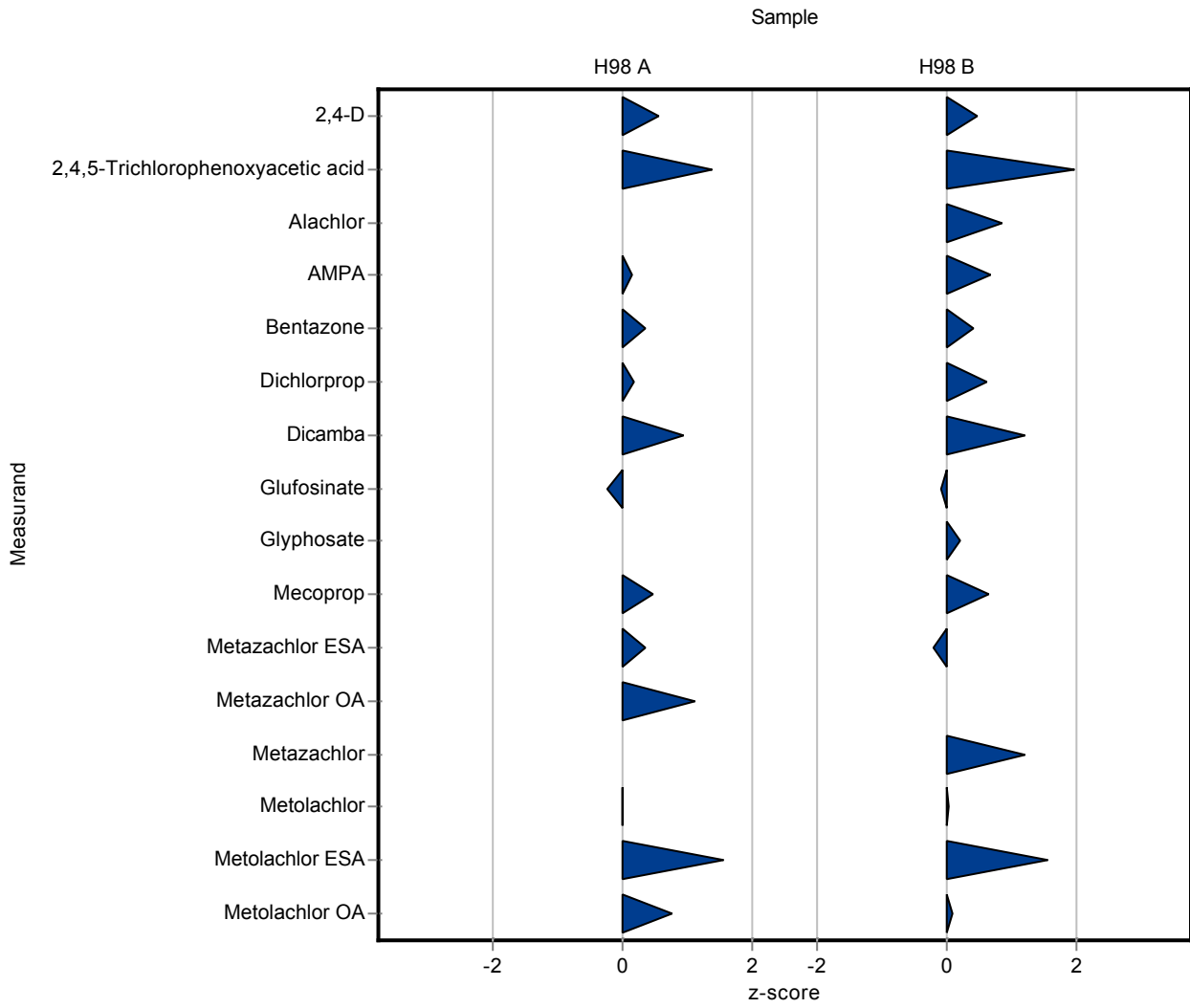
Sample: H98A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.384	± 0.0312	0.41	0.103	0.0465	107	0.56
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.557	± 0.162	0.78	0.195	0.162	140	1.38
Alachlor	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.202	± 0.048	-	-	0.0423	-	-
AMPA	µg/l	0.225	± 0.0298	0.23	0.058	0.0344	102	0.14
Bentazone	µg/l	0.258	± 0.0224	0.27	0.068	0.0325	105	0.36
Dichlorprop	µg/l	0.177	± 0.0147	0.18	0.045	0.0183	102	0.18
Dicamba	µg/l	0.328	± 0.122	0.46	0.115	0.141	140	0.94
Glufosinate	µg/l	0.469	± 0.23	0.42	0.105	0.217	89.6	-0.23
Glyphosate	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Mecoprop	µg/l	0.103	± 0.00988	0.11	0.028	0.0147	107	0.47
Metazachlor ESA	µg/l	0.828	± 0.108	0.87	0.218	0.114	105	0.37
Metazachlor OA	µg/l	0.491	± 0.0347	0.53	0.133	0.0347	108	1.13
Metazachlor	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Metolachlor	µg/l	0.18	± 0.0231	0.18	0.045	0.0369	100	0.01
Metolachlor ESA	µg/l	0.861	± 0.0692	1	0.25	0.0894	116	1.56
Metolachlor OA	µg/l	0.296	± 0.0356	0.33	0.083	0.0444	111	0.77

Sample: H98B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.12	± 0.0142	0.13	0.033	0.0206	108	0.48
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.246	± 0.0344	0.31	0.078	0.0325	126	1.96
Alachlor	µg/l	1.01	± 0.0916	1.1	0.275	0.11	109	0.85
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.206	± 0.0444	-	-	0.0392	-	-
AMPA	µg/l	0.687	± 0.0641	0.74	0.185	0.08	108	0.67
Bentazone	µg/l	0.346	± 0.0387	0.37	0.093	0.0591	107	0.41
Dichlorprop	µg/l	0.24	± 0.0137	0.25	0.063	0.0171	104	0.6
Dicamba	µg/l	0.806	± 0.131	0.98	0.245	0.144	122	1.2
Glufosinate	µg/l	0.123	± 0.0308	0.12	0.03	0.029	97.9	-0.09
Glyphosate	µg/l	0.322	± 0.036	0.33	0.083	0.0433	103	0.19
Mecoprop	µg/l	0.522	± 0.0499	0.57	0.125	0.0744	109	0.64
Metazachlor ESA	µg/l	0.165	± 0.025	0.16	0.04	0.0276	96.7	-0.2
Metazachlor OA	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Metazachlor	µg/l	0.447 ± 0.0433	0.53	0.133	0.0693	118	1.19
Metolachlor	µg/l	0.596 ± 0.0657	0.6	0.15	0.105	101	0.03
Metolachlor ESA	µg/l	0.243 ± 0.0185	0.28	0.07	0.0239	115	1.54
Metolachlor OA	µg/l	0.395 ± 0.0455	0.4	0.1	0.0568	101	0.1



The following results were achieved:

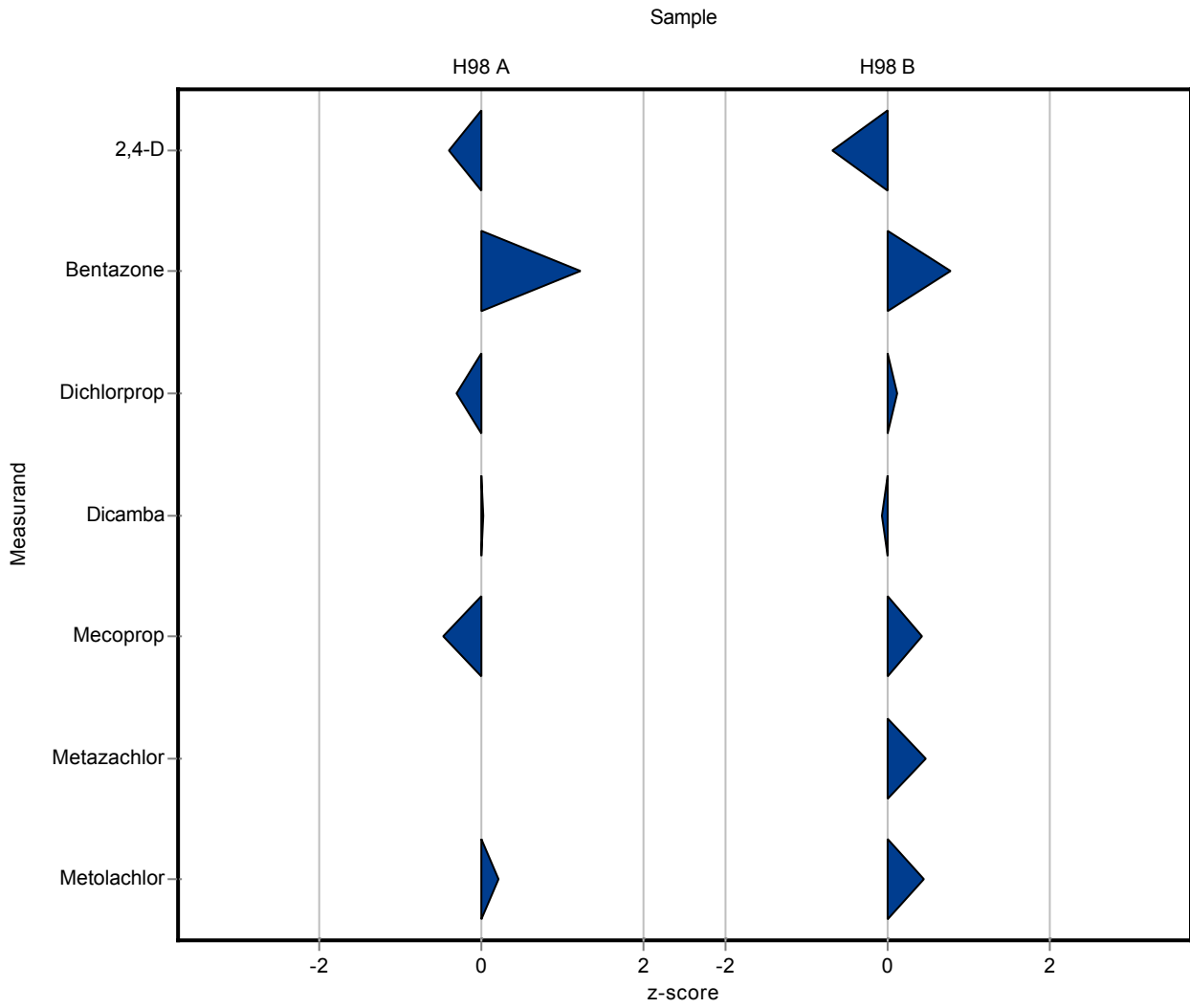
Sample: H98A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.384	± 0.0312	0.365	0.055	0.0465	95.1	-0.41
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.557	± 0.162	-	-	0.162	-	-
Alachlor	µg/l	-	± -	-	-	-	-	-
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.202	± 0.048	-	-	0.0423	-	-
AMPA	µg/l	0.225	± 0.0298	-	-	0.0344	-	-
Bentazone	µg/l	0.258	± 0.0224	0.298	0.045	0.0325	115	1.23
Dichlorprop	µg/l	0.177	± 0.0147	0.171	0.026	0.0183	96.7	-0.32
Dicamba	µg/l	0.328	± 0.122	0.331	0.05	0.141	101	0.02
Glufosinate	µg/l	0.469	± 0.23	-	-	0.217	-	-
Glyphosate	µg/l	-	± -	-	-	-	-	-
Mecoprop	µg/l	0.103	± 0.00988	0.096	0.014	0.0147	93.1	-0.48
Metazachlor ESA	µg/l	0.828	± 0.108	-	-	0.114	-	-
Metazachlor OA	µg/l	0.491	± 0.0347	-	-	0.0347	-	-
Metazachlor	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-
Metolachlor	µg/l	0.18	± 0.0231	0.187	0.028	0.0369	104	0.2
Metolachlor ESA	µg/l	0.861	± 0.0692	-	-	0.0894	-	-
Metolachlor OA	µg/l	0.296	± 0.0356	-	-	0.0444	-	-

Sample: H98B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.12	± 0.0142	0.106	0.016	0.0206	88.2	-0.69
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.246	± 0.0344	-	-	0.0325	-	-
Alachlor	µg/l	1.01	± 0.0916	-	-	0.11	-	-
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.206	± 0.0444	-	-	0.0392	-	-
AMPA	µg/l	0.687	± 0.0641	-	-	0.08	-	-
Bentazone	µg/l	0.346	± 0.0387	0.392	0.059	0.0591	113	0.78
Dichlorprop	µg/l	0.24	± 0.0137	0.242	0.036	0.0171	101	0.13
Dicamba	µg/l	0.806	± 0.131	0.798	0.119	0.144	99	-0.06
Glufosinate	µg/l	0.123	± 0.0308	-	-	0.029	-	-
Glyphosate	µg/l	0.322	± 0.036	-	-	0.0433	-	-
Mecoprop	µg/l	0.522	± 0.0499	0.554	0.083	0.0744	106	0.42
Metazachlor ESA	µg/l	0.165	± 0.025	-	-	0.0276	-	-
Metazachlor OA	µg/l	-	± -	-	-	-	-	-

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Metazachlor	µg/l	0.447 ± 0.0433	0.48	0.072	0.0693	107	0.47
Metolachlor	µg/l	0.596 ± 0.0657	0.643	0.096	0.105	108	0.44
Metolachlor ESA	µg/l	0.243 ± 0.0185	-	-	0.0239	-	-
Metolachlor OA	µg/l	0.395 ± 0.0455	-	-	0.0568	-	-



The following results were achieved:

Sample: H98A

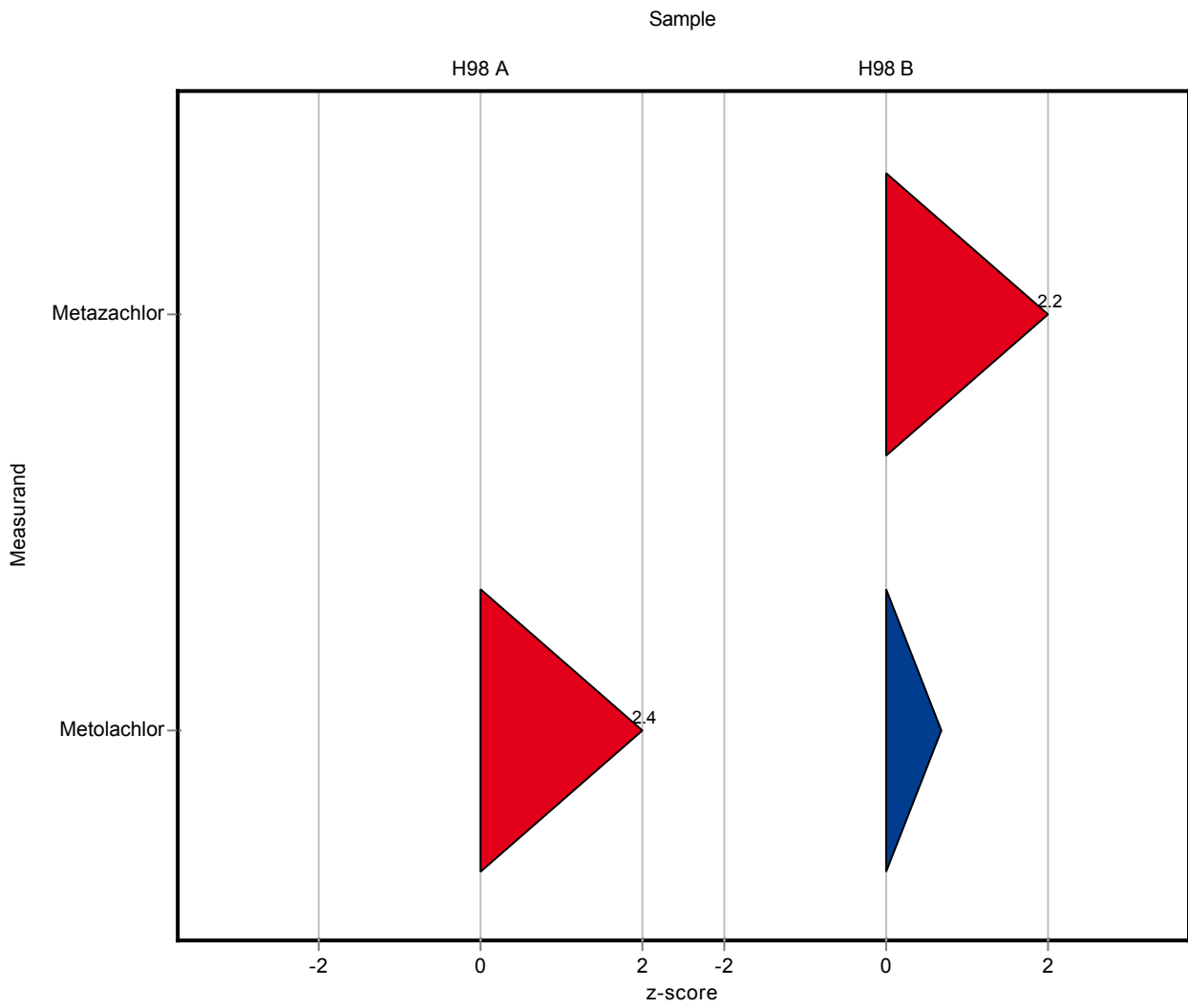
Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.384	± 0.0312	-	-	0.0465	-	-
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.557	± 0.162	-	-	0.162	-	-
Alachlor	µg/l	-	± -	-	-	-	-	-
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.202	± 0.048	-	-	0.0423	-	-
AMPA	µg/l	0.225	± 0.0298	-	-	0.0344	-	-
Bentazone	µg/l	0.258	± 0.0224	-	-	0.0325	-	-
Dichlorprop	µg/l	0.177	± 0.0147	-	-	0.0183	-	-
Dicamba	µg/l	0.328	± 0.122	-	-	0.141	-	-
Glufosinate	µg/l	0.469	± 0.23	-	-	0.217	-	-
Glyphosate	µg/l	-	± -	-	-	-	-	-
Mecoprop	µg/l	0.103	± 0.00988	-	-	0.0147	-	-
Metazachlor ESA	µg/l	0.828	± 0.108	-	-	0.114	-	-
Metazachlor OA	µg/l	0.491	± 0.0347	-	-	0.0347	-	-
Metazachlor	µg/l	-	± -	<0.002 (LOD)	-	-	-	-
Metolachlor	µg/l	0.18	± 0.0231	0.27	0.08	0.0369	150	2.45
Metolachlor ESA	µg/l	0.861	± 0.0692	-	-	0.0894	-	-
Metolachlor OA	µg/l	0.296	± 0.0356	-	-	0.0444	-	-

Sample: H98B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.12	± 0.0142	-	-	0.0206	-	-
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.246	± 0.0344	-	-	0.0325	-	-
Alachlor	µg/l	1.01	± 0.0916	-	-	0.11	-	-
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.206	± 0.0444	-	-	0.0392	-	-
AMPA	µg/l	0.687	± 0.0641	-	-	0.08	-	-
Bentazone	µg/l	0.346	± 0.0387	-	-	0.0591	-	-
Dichlorprop	µg/l	0.24	± 0.0137	-	-	0.0171	-	-
Dicamba	µg/l	0.806	± 0.131	-	-	0.144	-	-
Glufosinate	µg/l	0.123	± 0.0308	-	-	0.029	-	-
Glyphosate	µg/l	0.322	± 0.036	-	-	0.0433	-	-
Mecoprop	µg/l	0.522	± 0.0499	-	-	0.0744	-	-
Metazachlor ESA	µg/l	0.165	± 0.025	-	-	0.0276	-	-
Metazachlor OA	µg/l	-	± -	-	-	-	-	-



Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Metazachlor	µg/l	0.447 ± 0.0433	0.6	0.18	0.0693	134	2.2
Metolachlor	µg/l	0.596 ± 0.0657	0.67	0.2	0.105	112	0.7
Metolachlor ESA	µg/l	0.243 ± 0.0185	-	-	0.0239	-	-
Metolachlor OA	µg/l	0.395 ± 0.0455	-	-	0.0568	-	-



The following results were achieved:

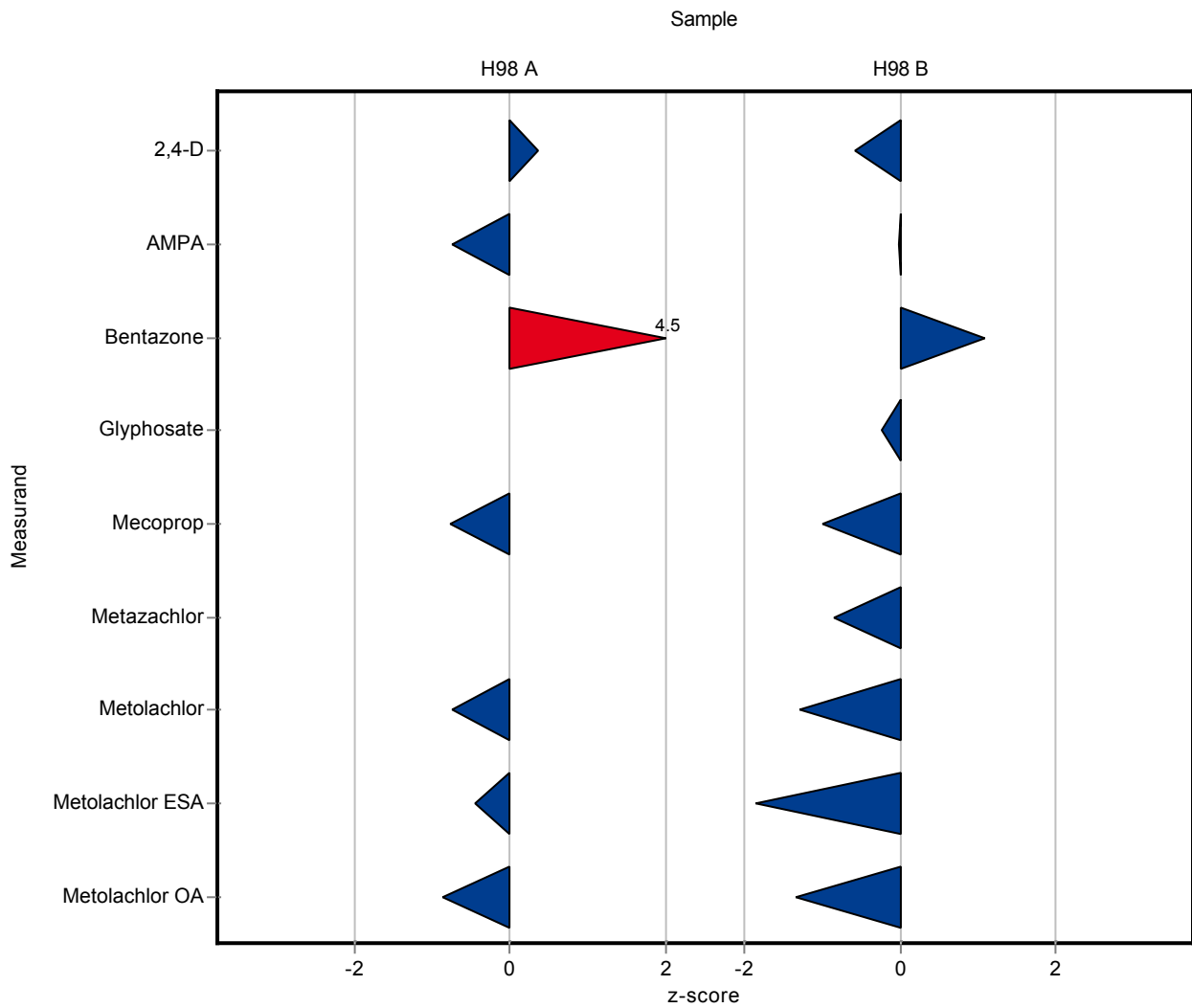
Sample: H98A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.384	± 0.0312	0.401	0.12	0.0465	104	0.37
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.557	± 0.162	-	-	0.162	-	-
Alachlor	µg/l	-	± -	-	-	-	-	-
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.202	± 0.048	-	-	0.0423	-	-
AMPA	µg/l	0.225	± 0.0298	0.2	0.04	0.0344	88.8	-0.73
Bentazone	µg/l	0.258	± 0.0224	0.405	0.122	0.0325	157	4.52
Dichlorprop	µg/l	0.177	± 0.0147	-	-	0.0183	-	-
Dicamba	µg/l	0.328	± 0.122	-	-	0.141	-	-
Glufosinate	µg/l	0.469	± 0.23	-	-	0.217	-	-
Glyphosate	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Mecoprop	µg/l	0.103	± 0.00988	0.092	0.028	0.0147	89.2	-0.75
Metazachlor ESA	µg/l	0.828	± 0.108	-	-	0.114	-	-
Metazachlor OA	µg/l	0.491	± 0.0347	-	-	0.0347	-	-
Metazachlor	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-
Metolachlor	µg/l	0.18	± 0.0231	0.152	0.038	0.0369	84.6	-0.75
Metolachlor ESA	µg/l	0.861	± 0.0692	0.82	0.205	0.0894	95.2	-0.46
Metolachlor OA	µg/l	0.296	± 0.0356	0.258	0.065	0.0444	87.2	-0.86

Sample: H98B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.12	± 0.0142	0.108	0.032	0.0206	89.9	-0.59
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.246	± 0.0344	-	-	0.0325	-	-
Alachlor	µg/l	1.01	± 0.0916	-	-	0.11	-	-
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.206	± 0.0444	-	-	0.0392	-	-
AMPA	µg/l	0.687	± 0.0641	0.685	0.137	0.08	99.8	-0.02
Bentazone	µg/l	0.346	± 0.0387	0.41	0.123	0.0591	118	1.08
Dichlorprop	µg/l	0.24	± 0.0137	-	-	0.0171	-	-
Dicamba	µg/l	0.806	± 0.131	-	-	0.144	-	-
Glufosinate	µg/l	0.123	± 0.0308	-	-	0.029	-	-
Glyphosate	µg/l	0.322	± 0.036	0.311	0.062	0.0433	96.7	-0.24
Mecoprop	µg/l	0.522	± 0.0499	0.448	0.134	0.0744	85.8	-1
Metazachlor ESA	µg/l	0.165	± 0.025	-	-	0.0276	-	-
Metazachlor OA	µg/l	-	± -	-	-	-	-	-

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Metazachlor	µg/l	0.447 ± 0.0433	0.389	0.117	0.0693	86.9	-0.84
Metolachlor	µg/l	0.596 ± 0.0657	0.462	0.116	0.105	77.5	-1.28
Metolachlor ESA	µg/l	0.243 ± 0.0185	0.199	0.05	0.0239	81.8	-1.85
Metolachlor OA	µg/l	0.395 ± 0.0455	0.318	0.08	0.0568	80.6	-1.35



The following results were achieved:

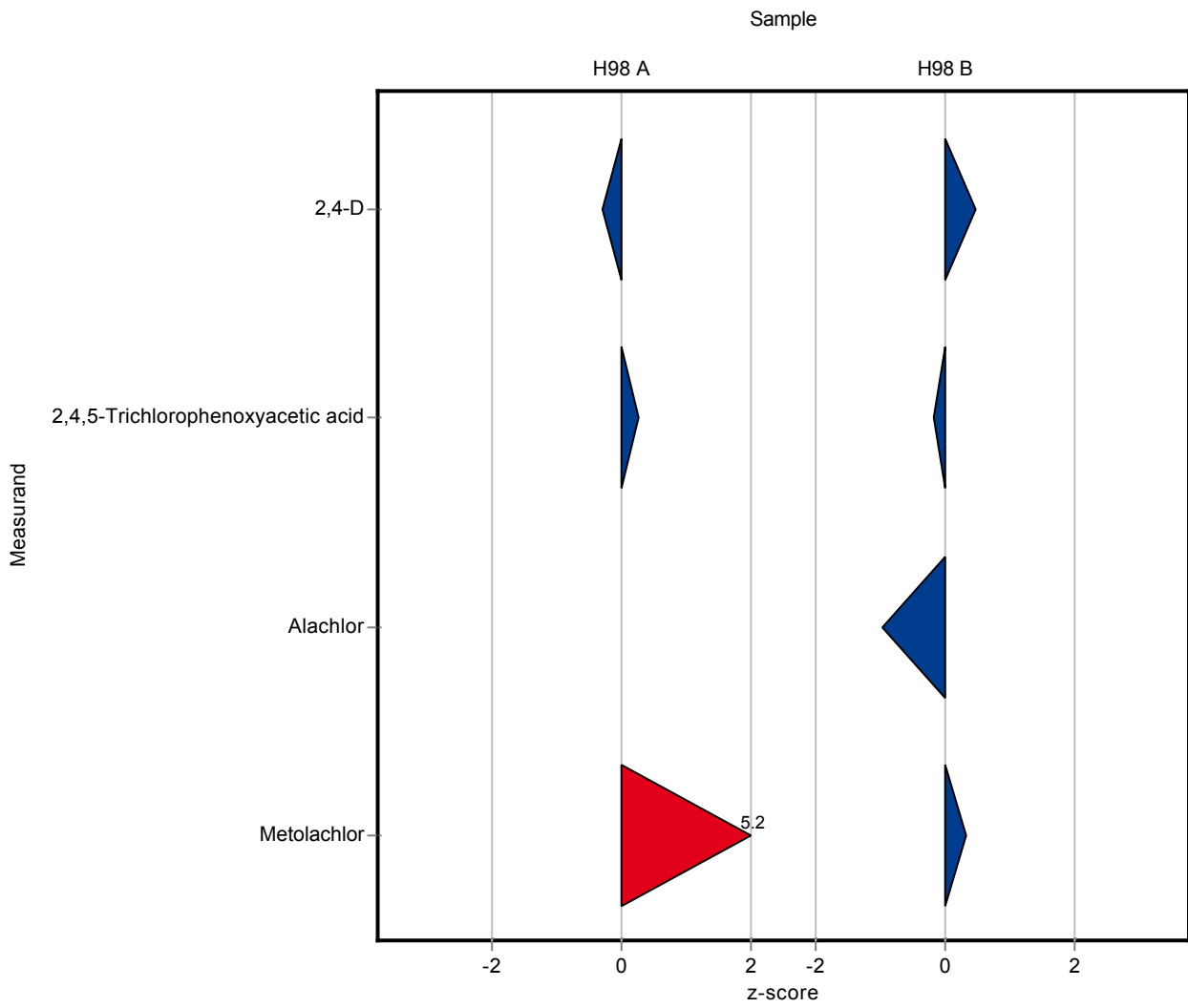
Sample: H98A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.384	± 0.0312	0.37	0.18	0.0465	96.4	-0.3
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.557	± 0.162	0.6	0.18	0.162	108	0.27
Alachlor	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.202	± 0.048	-	-	0.0423	-	-
AMPA	µg/l	0.225	± 0.0298	-	-	0.0344	-	-
Bentazone	µg/l	0.258	± 0.0224	-	-	0.0325	-	-
Dichlorprop	µg/l	0.177	± 0.0147	-	-	0.0183	-	-
Dicamba	µg/l	0.328	± 0.122	-	-	0.141	-	-
Glufosinate	µg/l	0.469	± 0.23	-	-	0.217	-	-
Glyphosate	µg/l	-	± -	-	-	-	-	-
Mecoprop	µg/l	0.103	± 0.00988	-	-	0.0147	-	-
Metazachlor ESA	µg/l	0.828	± 0.108	-	-	0.114	-	-
Metazachlor OA	µg/l	0.491	± 0.0347	-	-	0.0347	-	-
Metazachlor	µg/l	-	± -	-	-	-	-	-
Metolachlor	µg/l	0.18	± 0.0231	0.37	0.11	0.0369	206	5.16
Metolachlor ESA	µg/l	0.861	± 0.0692	-	-	0.0894	-	-
Metolachlor OA	µg/l	0.296	± 0.0356	-	-	0.0444	-	-

Sample: H98B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.12	± 0.0142	0.13	0.07	0.0206	108	0.48
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.246	± 0.0344	0.24	0.12	0.0325	97.5	-0.19
Alachlor	µg/l	1.01	± 0.0916	0.9	0.27	0.11	89.4	-0.97
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.206	± 0.0444	-	-	0.0392	-	-
AMPA	µg/l	0.687	± 0.0641	-	-	0.08	-	-
Bentazone	µg/l	0.346	± 0.0387	-	-	0.0591	-	-
Dichlorprop	µg/l	0.24	± 0.0137	-	-	0.0171	-	-
Dicamba	µg/l	0.806	± 0.131	-	-	0.144	-	-
Glufosinate	µg/l	0.123	± 0.0308	-	-	0.029	-	-
Glyphosate	µg/l	0.322	± 0.036	-	-	0.0433	-	-
Mecoprop	µg/l	0.522	± 0.0499	-	-	0.0744	-	-
Metazachlor ESA	µg/l	0.165	± 0.025	-	-	0.0276	-	-
Metazachlor OA	µg/l	-	± -	-	-	-	-	-

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Metazachlor	µg/l	0.447 ± 0.0433	-	-	0.0693	-	-
Metolachlor	µg/l	0.596 ± 0.0657	0.63	0.19	0.105	106	0.32
Metolachlor ESA	µg/l	0.243 ± 0.0185	-	-	0.0239	-	-
Metolachlor OA	µg/l	0.395 ± 0.0455	-	-	0.0568	-	-





The following results were achieved:

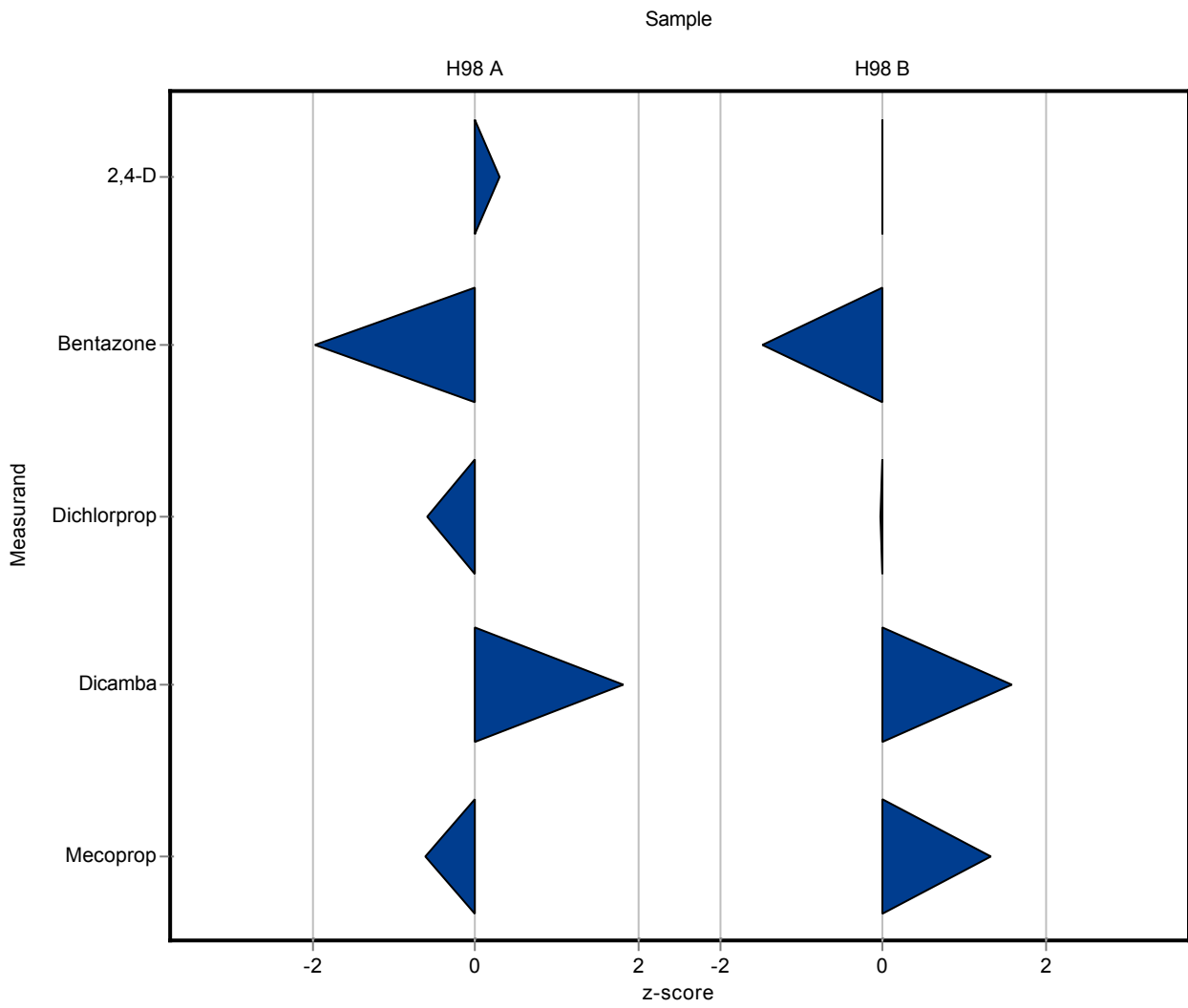
Sample: H98A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.384	± 0.0312	0.397	0.09	0.0465	103	0.28
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.557	± 0.162	-	-	0.162	-	-
Alachlor	µg/l	-	± -	-	-	-	-	-
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.202	± 0.048	-	-	0.0423	-	-
AMPA	µg/l	0.225	± 0.0298	-	-	0.0344	-	-
Bentazone	µg/l	0.258	± 0.0224	0.194	0.035	0.0325	75.1	-1.97
Dichlorprop	µg/l	0.177	± 0.0147	0.166	0.028	0.0183	93.9	-0.59
Dicamba	µg/l	0.328	± 0.122	0.584	0.188	0.141	178	1.82
Glufosinate	µg/l	0.469	± 0.23	-	-	0.217	-	-
Glyphosate	µg/l	-	± -	-	-	-	-	-
Mecoprop	µg/l	0.103	± 0.00988	0.094	0.018	0.0147	91.2	-0.62
Metazachlor ESA	µg/l	0.828	± 0.108	-	-	0.114	-	-
Metazachlor OA	µg/l	0.491	± 0.0347	-	-	0.0347	-	-
Metazachlor	µg/l	-	± -	-	-	-	-	-
Metolachlor	µg/l	0.18	± 0.0231	-	-	0.0369	-	-
Metolachlor ESA	µg/l	0.861	± 0.0692	-	-	0.0894	-	-
Metolachlor OA	µg/l	0.296	± 0.0356	-	-	0.0444	-	-

Sample: H98B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.12	± 0.0142	0.12	0.027	0.0206	99.9	-0.01
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.246	± 0.0344	-	-	0.0325	-	-
Alachlor	µg/l	1.01	± 0.0916	-	-	0.11	-	-
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.206	± 0.0444	-	-	0.0392	-	-
AMPA	µg/l	0.687	± 0.0641	-	-	0.08	-	-
Bentazone	µg/l	0.346	± 0.0387	0.259	0.047	0.0591	74.8	-1.47
Dichlorprop	µg/l	0.24	± 0.0137	0.239	0.04	0.0171	99.7	-0.05
Dicamba	µg/l	0.806	± 0.131	1.035	0.334	0.144	128	1.58
Glufosinate	µg/l	0.123	± 0.0308	-	-	0.029	-	-
Glyphosate	µg/l	0.322	± 0.036	-	-	0.0433	-	-
Mecoprop	µg/l	0.522	± 0.0499	0.62	0.118	0.0744	119	1.31
Metazachlor ESA	µg/l	0.165	± 0.025	-	-	0.0276	-	-
Metazachlor OA	µg/l	-	± -	-	-	-	-	-

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Metazachlor	µg/l	0.447 ± 0.0433	-	-	0.0693	-	-
Metolachlor	µg/l	0.596 ± 0.0657	-	-	0.105	-	-
Metolachlor ESA	µg/l	0.243 ± 0.0185	-	-	0.0239	-	-
Metolachlor OA	µg/l	0.395 ± 0.0455	-	-	0.0568	-	-



The following results were achieved:

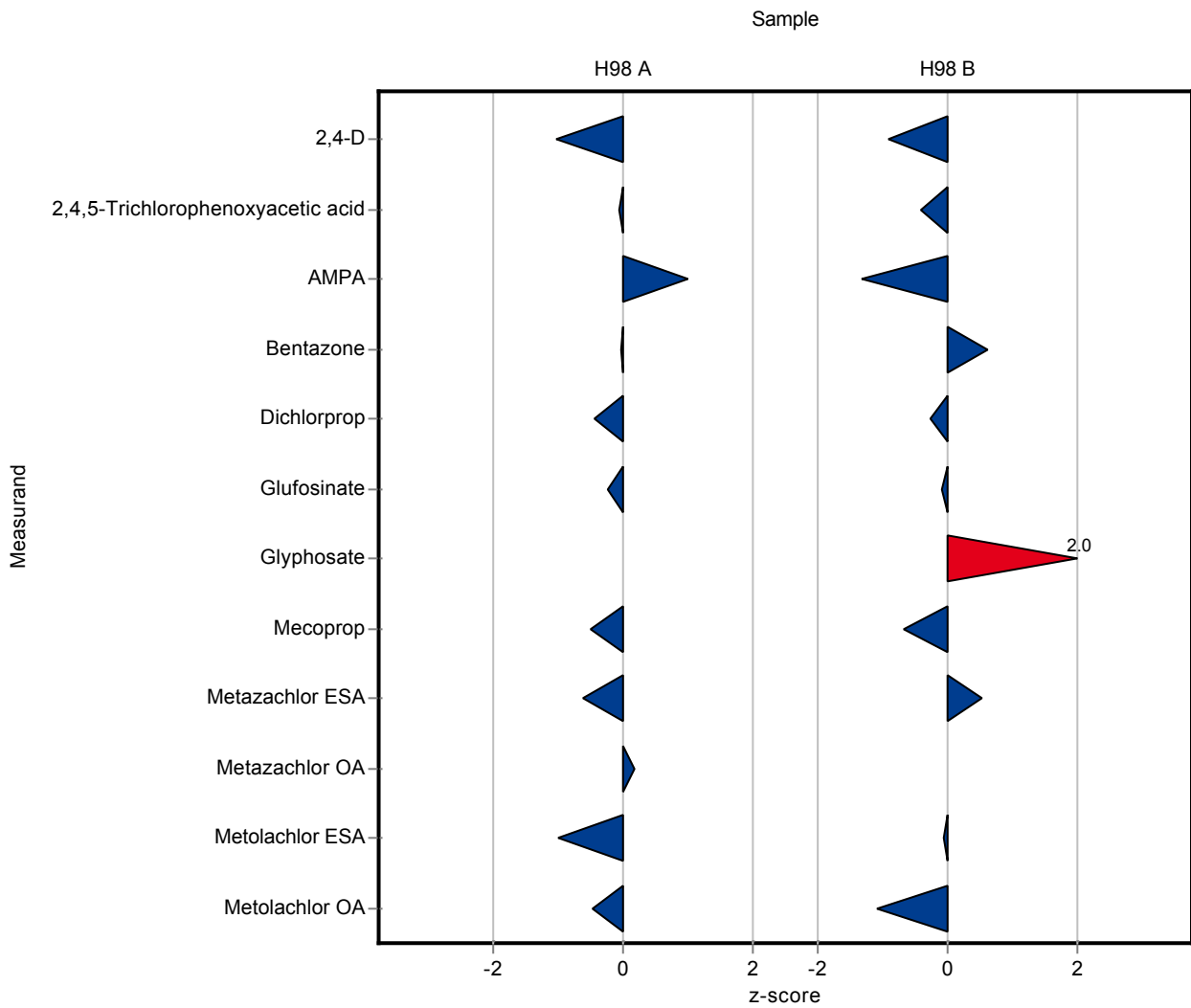
Sample: H98A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.384	± 0.0312	0.336	0.094	0.0465	87.5	-1.03
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.557	± 0.162	0.547	0.06	0.162	98.2	-0.06
Alachlor	µg/l	-	± -	-	-	-	-	-
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.202	± 0.048	-	-	0.0423	-	-
AMPA	µg/l	0.225	± 0.0298	0.26	0.05	0.0344	115	1.01
Bentazone	µg/l	0.258	± 0.0224	0.257	0.09	0.0325	99.6	-0.04
Dichlorprop	µg/l	0.177	± 0.0147	0.169	0.019	0.0183	95.6	-0.42
Dicamba	µg/l	0.328	± 0.122	-	-	0.141	-	-
Glufosinate	µg/l	0.469	± 0.23	0.42	0.11	0.217	89.6	-0.23
Glyphosate	µg/l	-	± -	0.03	0.008	-	-	-
Mecoprop	µg/l	0.103	± 0.00988	0.096	0.014	0.0147	93.1	-0.48
Metazachlor ESA	µg/l	0.828	± 0.108	0.759	0.182	0.114	91.6	-0.61
Metazachlor OA	µg/l	0.491	± 0.0347	0.497	0.134	0.0347	101	0.18
Metazachlor	µg/l	-	± -	-	-	-	-	-
Metolachlor	µg/l	0.18	± 0.0231	-	-	0.0369	-	-
Metolachlor ESA	µg/l	0.861	± 0.0692	0.773	0.116	0.0894	89.8	-0.98
Metolachlor OA	µg/l	0.296	± 0.0356	0.275	0.072	0.0444	92.9	-0.47

Sample: H98B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.12	± 0.0142	0.101	0.032	0.0206	84.1	-0.93
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.246	± 0.0344	0.233	0.035	0.0325	94.6	-0.41
Alachlor	µg/l	1.01	± 0.0916	-	-	0.11	-	-
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.206	± 0.0444	-	-	0.0392	-	-
AMPA	µg/l	0.687	± 0.0641	0.58	0.12	0.08	84.5	-1.33
Bentazone	µg/l	0.346	± 0.0387	0.382	0.21	0.0591	110	0.61
Dichlorprop	µg/l	0.24	± 0.0137	0.235	0.038	0.0171	98	-0.28
Dicamba	µg/l	0.806	± 0.131	-	-	0.144	-	-
Glufosinate	µg/l	0.123	± 0.0308	0.12	0.02	0.029	97.9	-0.09
Glyphosate	µg/l	0.322	± 0.036	0.41	0.07	0.0433	127	2.04
Mecoprop	µg/l	0.522	± 0.0499	0.472	0.085	0.0744	90.4	-0.68
Metazachlor ESA	µg/l	0.165	± 0.025	0.18	0.041	0.0276	109	0.53
Metazachlor OA	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Metazachlor	µg/l	0.447 ± 0.0433	-	-	0.0693	-	-
Metolachlor	µg/l	0.596 ± 0.0657	-	-	0.105	-	-
Metolachlor ESA	µg/l	0.243 ± 0.0185	0.242	0.036	0.0239	99.5	-0.05
Metolachlor OA	µg/l	0.395 ± 0.0455	0.333	0.087	0.0568	84.4	-1.08



The following results were achieved:

Sample: H98A

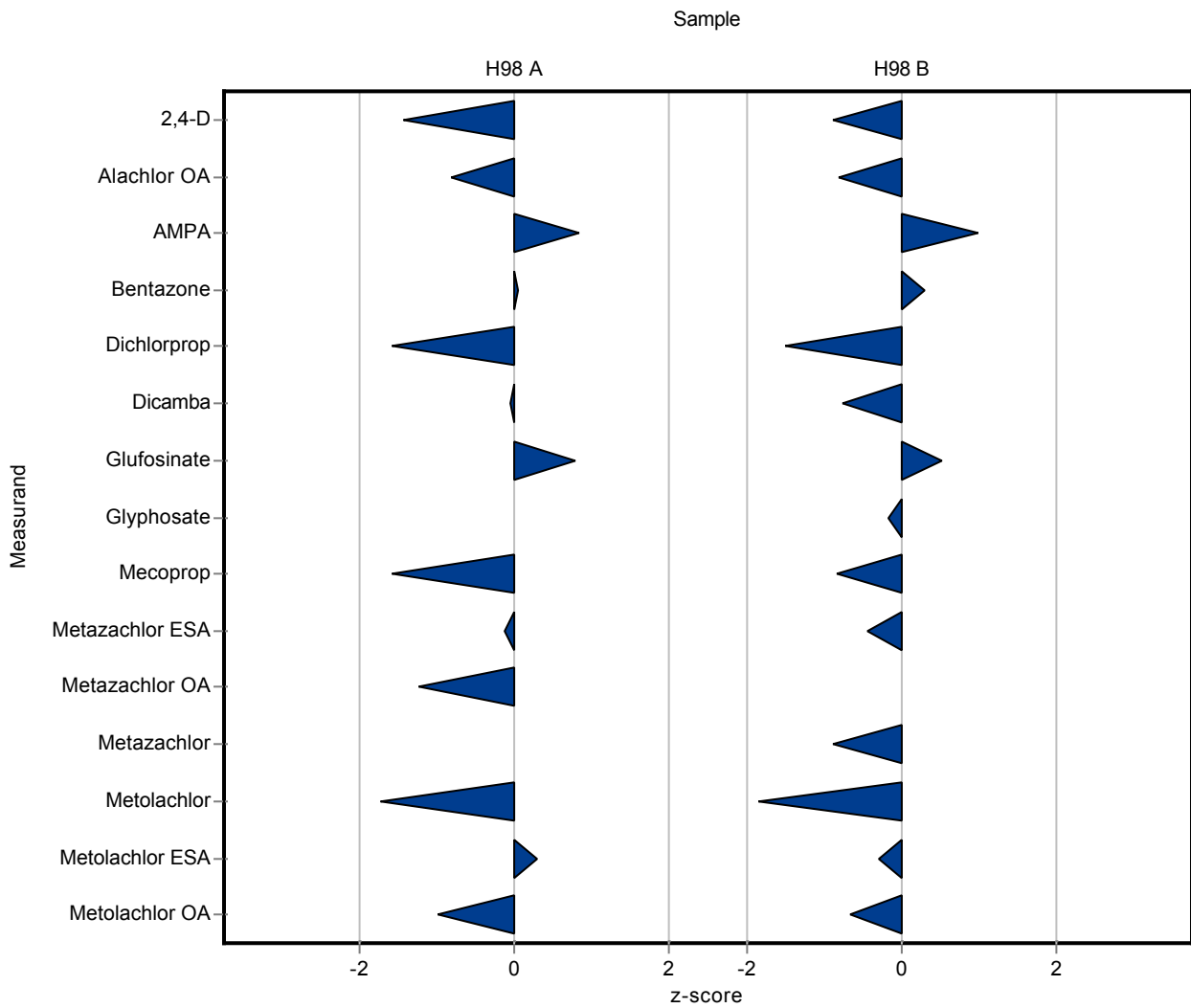
Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.384	± 0.0312	0.317	0.044	0.0465	82.6	-1.44
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.557	± 0.162	-	-	0.162	-	-
Alachlor	µg/l	-	± -	-	-	-	-	-
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.202	± 0.048	0.167	0.042	0.0423	82.7	-0.82
AMPA	µg/l	0.225	± 0.0298	0.254	0.051	0.0344	113	0.84
Bentazone	µg/l	0.258	± 0.0224	0.26	0.042	0.0325	101	0.06
Dichlorprop	µg/l	0.177	± 0.0147	0.148	0.02	0.0183	83.7	-1.57
Dicamba	µg/l	0.328	± 0.122	0.322	0.084	0.141	98.2	-0.04
Glufosinate	µg/l	0.469	± 0.23	0.641	0.128	0.217	137	0.79
Glyphosate	µg/l	-	± -	<0.005 (LOQ)	-	-	-	-
Mecoprop	µg/l	0.103	± 0.00988	0.08	0.011	0.0147	77.6	-1.57
Metazachlor ESA	µg/l	0.828	± 0.108	0.815	0.204	0.114	98.4	-0.12
Metazachlor OA	µg/l	0.491	± 0.0347	0.448	0.112	0.0347	91.3	-1.23
Metazachlor	µg/l	-	± -	<0.005 (LOQ)	-	-	-	-
Metolachlor	µg/l	0.18	± 0.0231	0.116	0.029	0.0369	64.6	-1.73
Metolachlor ESA	µg/l	0.861	± 0.0692	0.888	0.222	0.0894	103	0.3
Metolachlor OA	µg/l	0.296	± 0.0356	0.252	0.063	0.0444	85.1	-0.99

Sample: H98B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.12	± 0.0142	0.102	0.014	0.0206	84.9	-0.88
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.246	± 0.0344	-	-	0.0325	-	-
Alachlor	µg/l	1.01	± 0.0916	-	-	0.11	-	-
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.206	± 0.0444	0.174	0.044	0.0392	84.6	-0.81
AMPA	µg/l	0.687	± 0.0641	0.765	0.153	0.08	111	0.98
Bentazone	µg/l	0.346	± 0.0387	0.363	0.058	0.0591	105	0.29
Dichlorprop	µg/l	0.24	± 0.0137	0.214	0.03	0.0171	89.2	-1.5
Dicamba	µg/l	0.806	± 0.131	0.695	0.181	0.144	86.2	-0.77
Glufosinate	µg/l	0.123	± 0.0308	0.138	0.028	0.029	113	0.53
Glyphosate	µg/l	0.322	± 0.036	0.314	0.063	0.0433	97.6	-0.18
Mecoprop	µg/l	0.522	± 0.0499	0.461	0.065	0.0744	88.2	-0.82
Metazachlor ESA	µg/l	0.165	± 0.025	0.153	0.038	0.0276	92.5	-0.45
Metazachlor OA	µg/l	-	± -	<0.005 (LOQ)	-	-	-	-

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Metazachlor	µg/l	0.447 ± 0.0433	0.386	0.069	0.0693	86.3	-0.89
Metolachlor	µg/l	0.596 ± 0.0657	0.402	0.101	0.105	67.4	-1.85
Metolachlor ESA	µg/l	0.243 ± 0.0185	0.236	0.059	0.0239	97	-0.3
Metolachlor OA	µg/l	0.395 ± 0.0455	0.357	0.089	0.0568	90.5	-0.66





The following results were achieved:

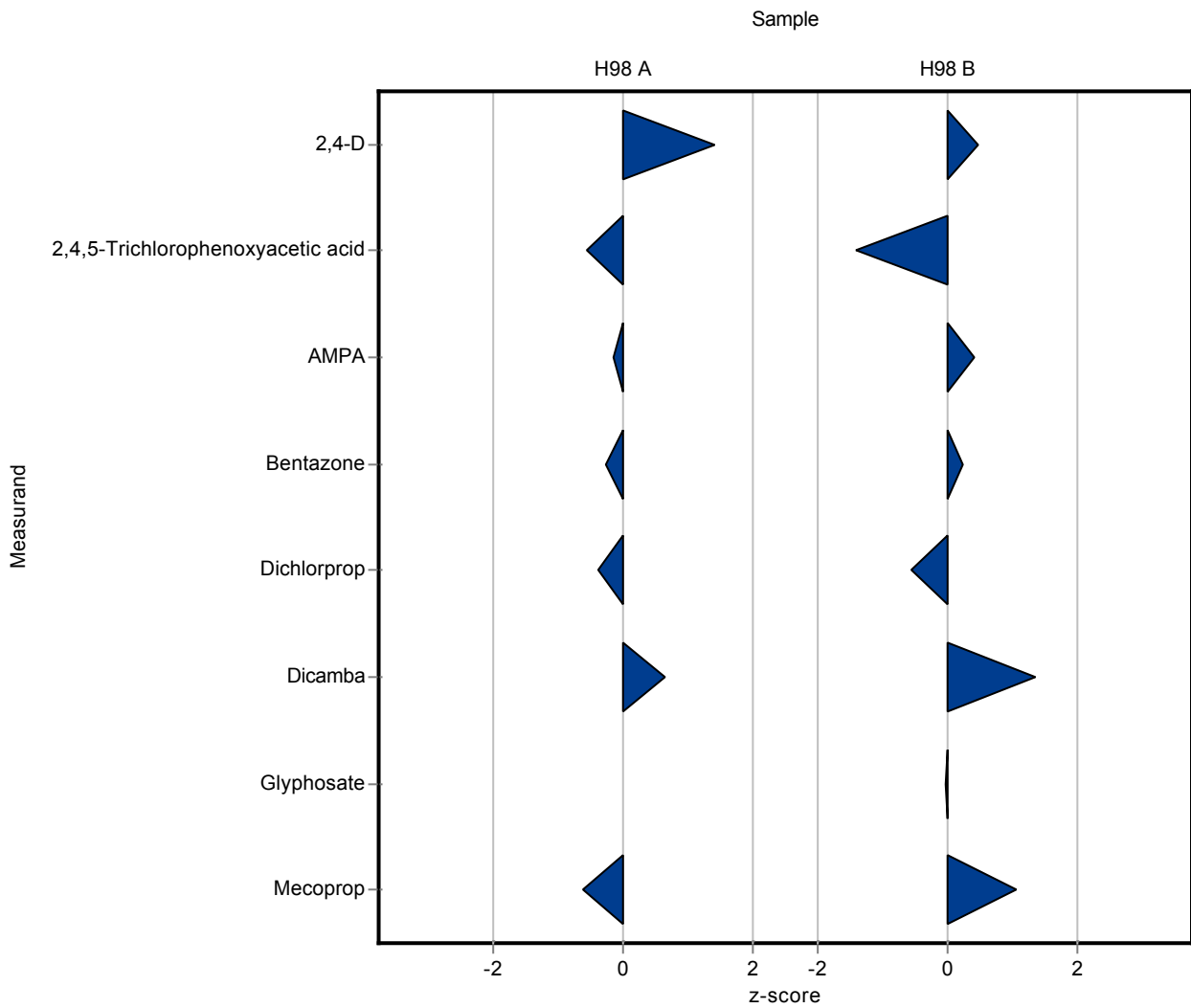
Sample: H98A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.384	± 0.0312	0.45	0.13	0.0465	117	1.42
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.557	± 0.162	0.47	0.29	0.162	84.4	-0.54
Alachlor	µg/l	-	± -	-	-	-	-	-
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.202	± 0.048	-	-	0.0423	-	-
AMPA	µg/l	0.225	± 0.0298	0.22	0.059	0.0344	97.7	-0.15
Bentazone	µg/l	0.258	± 0.0224	0.25	0.1	0.0325	96.8	-0.25
Dichlorprop	µg/l	0.177	± 0.0147	0.17	0.049	0.0183	96.2	-0.37
Dicamba	µg/l	0.328	± 0.122	0.42	0.1	0.141	128	0.65
Glufosinate	µg/l	0.469	± 0.23	-	-	0.217	-	-
Glyphosate	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Mecoprop	µg/l	0.103	± 0.00988	0.094	0.039	0.0147	91.2	-0.62
Metazachlor ESA	µg/l	0.828	± 0.108	-	-	0.114	-	-
Metazachlor OA	µg/l	0.491	± 0.0347	-	-	0.0347	-	-
Metazachlor	µg/l	-	± -	-	-	-	-	-
Metolachlor	µg/l	0.18	± 0.0231	-	-	0.0369	-	-
Metolachlor ESA	µg/l	0.861	± 0.0692	-	-	0.0894	-	-
Metolachlor OA	µg/l	0.296	± 0.0356	-	-	0.0444	-	-

Sample: H98B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.12	± 0.0142	0.13	0.036	0.0206	108	0.48
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.246	± 0.0344	0.2	0.12	0.0325	81.2	-1.43
Alachlor	µg/l	1.01	± 0.0916	-	-	0.11	-	-
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.206	± 0.0444	-	-	0.0392	-	-
AMPA	µg/l	0.687	± 0.0641	0.72	0.19	0.08	105	0.42
Bentazone	µg/l	0.346	± 0.0387	0.36	0.15	0.0591	104	0.24
Dichlorprop	µg/l	0.24	± 0.0137	0.23	0.067	0.0171	95.9	-0.57
Dicamba	µg/l	0.806	± 0.131	1	0.25	0.144	124	1.34
Glufosinate	µg/l	0.123	± 0.0308	-	-	0.029	-	-
Glyphosate	µg/l	0.322	± 0.036	0.32	0.022	0.0433	99.5	-0.04
Mecoprop	µg/l	0.522	± 0.0499	0.6	0.25	0.0744	115	1.04
Metazachlor ESA	µg/l	0.165	± 0.025	-	-	0.0276	-	-
Metazachlor OA	µg/l	-	± -	-	-	-	-	-

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Metazachlor	µg/l	0.447 ± 0.0433	-	-	0.0693	-	-
Metolachlor	µg/l	0.596 ± 0.0657	-	-	0.105	-	-
Metolachlor ESA	µg/l	0.243 ± 0.0185	-	-	0.0239	-	-
Metolachlor OA	µg/l	0.395 ± 0.0455	-	-	0.0568	-	-



The following results were achieved:

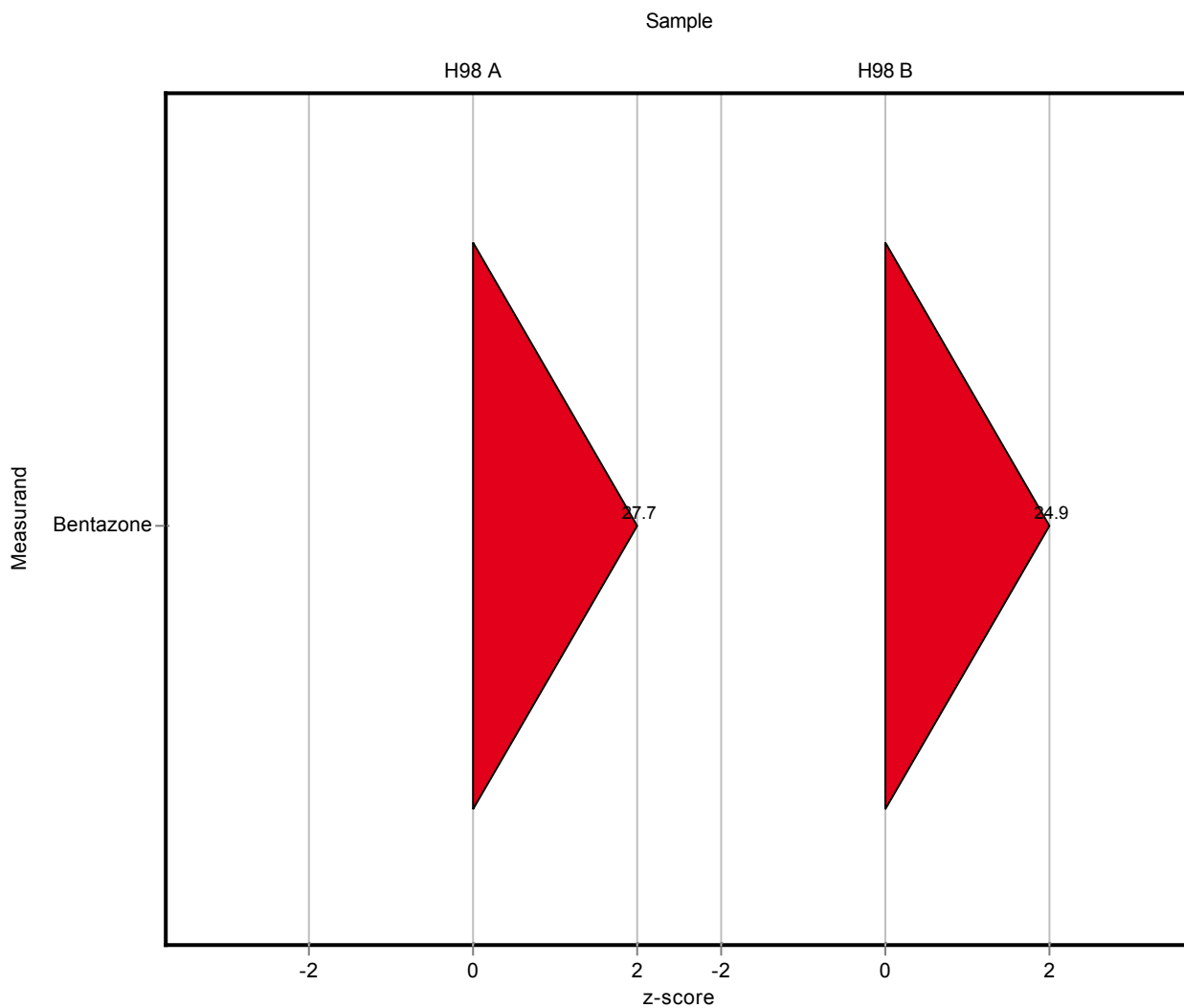
Sample: H98A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.384	± 0.0312	-	-	0.0465	-	-
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.557	± 0.162	-	-	0.162	-	-
Alachlor	µg/l	-	± -	-	-	-	-	-
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.202	± 0.048	-	-	0.0423	-	-
AMPA	µg/l	0.225	± 0.0298	-	-	0.0344	-	-
Bentazone	µg/l	0.258	± 0.0224	1.16	-	0.0325	449	27.7
Dichlorprop	µg/l	0.177	± 0.0147	-	-	0.0183	-	-
Dicamba	µg/l	0.328	± 0.122	-	-	0.141	-	-
Glufosinate	µg/l	0.469	± 0.23	-	-	0.217	-	-
Glyphosate	µg/l	-	± -	-	-	-	-	-
Mecoprop	µg/l	0.103	± 0.00988	-	-	0.0147	-	-
Metazachlor ESA	µg/l	0.828	± 0.108	-	-	0.114	-	-
Metazachlor OA	µg/l	0.491	± 0.0347	-	-	0.0347	-	-
Metazachlor	µg/l	-	± -	-	-	-	-	-
Metolachlor	µg/l	0.18	± 0.0231	-	-	0.0369	-	-
Metolachlor ESA	µg/l	0.861	± 0.0692	-	-	0.0894	-	-
Metolachlor OA	µg/l	0.296	± 0.0356	-	-	0.0444	-	-

Sample: H98B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.12	± 0.0142	-	-	0.0206	-	-
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.246	± 0.0344	-	-	0.0325	-	-
Alachlor	µg/l	1.01	± 0.0916	-	-	0.11	-	-
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.206	± 0.0444	-	-	0.0392	-	-
AMPA	µg/l	0.687	± 0.0641	-	-	0.08	-	-
Bentazone	µg/l	0.346	± 0.0387	1.82	-	0.0591	526	24.9
Dichlorprop	µg/l	0.24	± 0.0137	-	-	0.0171	-	-
Dicamba	µg/l	0.806	± 0.131	-	-	0.144	-	-
Glufosinate	µg/l	0.123	± 0.0308	-	-	0.029	-	-
Glyphosate	µg/l	0.322	± 0.036	-	-	0.0433	-	-
Mecoprop	µg/l	0.522	± 0.0499	-	-	0.0744	-	-
Metazachlor ESA	µg/l	0.165	± 0.025	-	-	0.0276	-	-
Metazachlor OA	µg/l	-	± -	-	-	-	-	-

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Metazachlor	µg/l	0.447 ± 0.0433	-	-	0.0693	-	-
Metolachlor	µg/l	0.596 ± 0.0657	-	-	0.105	-	-
Metolachlor ESA	µg/l	0.243 ± 0.0185	-	-	0.0239	-	-
Metolachlor OA	µg/l	0.395 ± 0.0455	-	-	0.0568	-	-



The following results were achieved:

Sample: H98A

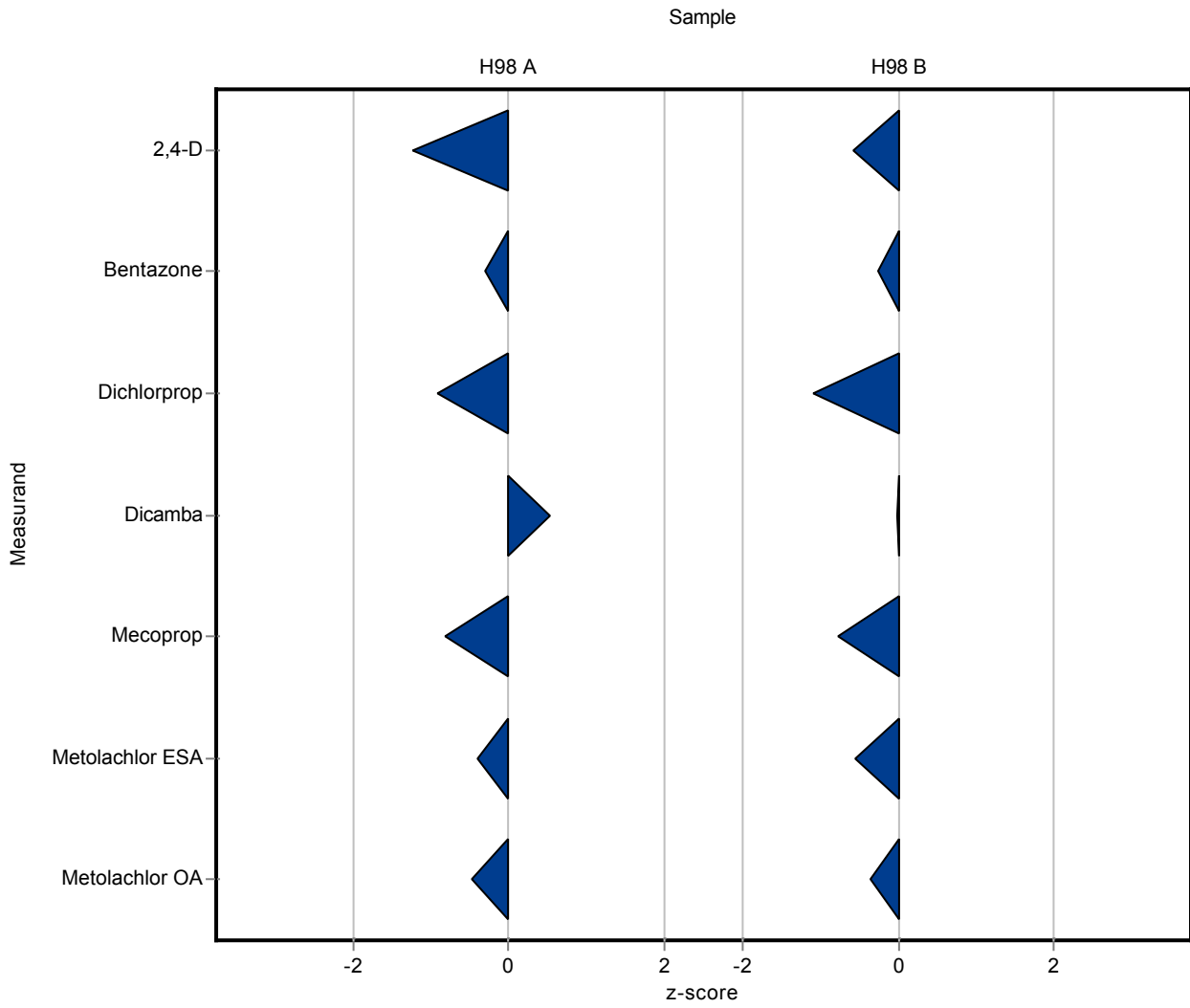
Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.384	± 0.0312	0.327	0.082	0.0465	85.2	-1.22
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.557	± 0.162	-	-	0.162	-	-
Alachlor	µg/l	-	± -	-	-	-	-	-
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.202	± 0.048	-	-	0.0423	-	-
AMPA	µg/l	0.225	± 0.0298	-	-	0.0344	-	-
Bentazone	µg/l	0.258	± 0.0224	0.248	0.062	0.0325	96.1	-0.31
Dichlorprop	µg/l	0.177	± 0.0147	0.16	0.04	0.0183	90.5	-0.92
Dicamba	µg/l	0.328	± 0.122	0.403	0.089	0.141	123	0.53
Glufosinate	µg/l	0.469	± 0.23	-	-	0.217	-	-
Glyphosate	µg/l	-	± -	-	-	-	-	-
Mecoprop	µg/l	0.103	± 0.00988	0.091	0.023	0.0147	88.3	-0.82
Metazachlor ESA	µg/l	0.828	± 0.108	-	-	0.114	-	-
Metazachlor OA	µg/l	0.491	± 0.0347	-	-	0.0347	-	-
Metazachlor	µg/l	-	± -	-	-	-	-	-
Metolachlor	µg/l	0.18	± 0.0231	-	-	0.0369	-	-
Metolachlor ESA	µg/l	0.861	± 0.0692	0.826	0.206	0.0894	95.9	-0.39
Metolachlor OA	µg/l	0.296	± 0.0356	0.275	0.069	0.0444	92.9	-0.47

Sample: H98B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.12	± 0.0142	0.108	0.038	0.0206	89.9	-0.59
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.246	± 0.0344	-	-	0.0325	-	-
Alachlor	µg/l	1.01	± 0.0916	-	-	0.11	-	-
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.206	± 0.0444	-	-	0.0392	-	-
AMPA	µg/l	0.687	± 0.0641	-	-	0.08	-	-
Bentazone	µg/l	0.346	± 0.0387	0.33	0.116	0.0591	95.4	-0.27
Dichlorprop	µg/l	0.24	± 0.0137	0.221	0.077	0.0171	92.2	-1.1
Dicamba	µg/l	0.806	± 0.131	0.804	0.177	0.144	99.7	-0.01
Glufosinate	µg/l	0.123	± 0.0308	-	-	0.029	-	-
Glyphosate	µg/l	0.322	± 0.036	-	-	0.0433	-	-
Mecoprop	µg/l	0.522	± 0.0499	0.465	0.163	0.0744	89	-0.77
Metazachlor ESA	µg/l	0.165	± 0.025	-	-	0.0276	-	-
Metazachlor OA	µg/l	-	± -	-	-	-	-	-



Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Metazachlor	µg/l	0.447 ± 0.0433	-	-	0.0693	-	-
Metolachlor	µg/l	0.596 ± 0.0657	-	-	0.105	-	-
Metolachlor ESA	µg/l	0.243 ± 0.0185	0.23	0.081	0.0239	94.5	-0.55
Metolachlor OA	µg/l	0.395 ± 0.0455	0.374	0.131	0.0568	94.8	-0.36



The following results were achieved:

Sample: H98A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.384	± 0.0312	-	-	0.0465	-	-
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.557	± 0.162	-	-	0.162	-	-
Alachlor	µg/l	-	± -	-	-	-	-	-
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.202	± 0.048	-	-	0.0423	-	-
AMPA	µg/l	0.225	± 0.0298	0.091	0.014	0.0344	40.4	-3.9
Bentazone	µg/l	0.258	± 0.0224	-	-	0.0325	-	-
Dichlorprop	µg/l	0.177	± 0.0147	-	-	0.0183	-	-
Dicamba	µg/l	0.328	± 0.122	-	-	0.141	-	-
Glufosinate	µg/l	0.469	± 0.23	-	-	0.217	-	-
Glyphosate	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Mecoprop	µg/l	0.103	± 0.00988	-	-	0.0147	-	-
Metazachlor ESA	µg/l	0.828	± 0.108	-	-	0.114	-	-
Metazachlor OA	µg/l	0.491	± 0.0347	-	-	0.0347	-	-
Metazachlor	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Metolachlor	µg/l	0.18	± 0.0231	0.154	0.023	0.0369	85.7	-0.7
Metolachlor ESA	µg/l	0.861	± 0.0692	-	-	0.0894	-	-
Metolachlor OA	µg/l	0.296	± 0.0356	-	-	0.0444	-	-

Sample: H98B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
2,4-D	µg/l	0.12	± 0.0142	-	-	0.0206	-	-
2,4,5-Trichlorophenoxyacetic acid	µg/l	0.246	± 0.0344	-	-	0.0325	-	-
Alachlor	µg/l	1.01	± 0.0916	-	-	0.11	-	-
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.206	± 0.0444	-	-	0.0392	-	-
AMPA	µg/l	0.687	± 0.0641	0.993	0.149	0.08	145	3.83
Bentazone	µg/l	0.346	± 0.0387	-	-	0.0591	-	-
Dichlorprop	µg/l	0.24	± 0.0137	-	-	0.0171	-	-
Dicamba	µg/l	0.806	± 0.131	-	-	0.144	-	-
Glufosinate	µg/l	0.123	± 0.0308	-	-	0.029	-	-
Glyphosate	µg/l	0.322	± 0.036	0.367	0.055	0.0433	114	1.05
Mecoprop	µg/l	0.522	± 0.0499	-	-	0.0744	-	-
Metazachlor ESA	µg/l	0.165	± 0.025	-	-	0.0276	-	-
Metazachlor OA	µg/l	-	± -	-	-	-	-	-

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Metazachlor	µg/l	0.447 ± 0.0433	0.365	0.055	0.0693	81.6	-1.19
Metolachlor	µg/l	0.596 ± 0.0657	1.312	0.197	0.105	220	6.82
Metolachlor ESA	µg/l	0.243 ± 0.0185	-	-	0.0239	-	-
Metolachlor OA	µg/l	0.395 ± 0.0455	-	-	0.0568	-	-

