

# **INTERLABORATORY COMPARISON EVALUATION**

## **Herbicides – H92**

Sample dispatch on 9<sup>th</sup> June 2015

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## 1 Interlaboratory comparison H92

### 1.1 Participants and time schedule

- Number of registrations: 27
- Number of submitted data records: 25
- Dispatch of samples: 9<sup>th</sup> June 2015
- Closing date for submission of data: 14<sup>th</sup> July 2015

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

### 1.2 Sampling, sample material and distribution

1 groundwater and 1 surface water were selected as sample material. The sampling was carried out on 8<sup>th</sup> June 2015. The samples were stored at < 4 °C until further processing. The groundwater was partly spiked with specific substances. The samples were filled into bottles with continuous stirring. The homogeneous mixtures were dispatched on 9<sup>th</sup> June 2015. Each participant received:

- 2 samples, filled in 300 and 1000 ml aluminium bottles, respectively.

### 1.3 Check analysis

While filling the bottles, aliquots of each sample were collected at random moments for check analysis. Testing was performed 8 days after sample dispatch.

In the parameter-oriented evaluation, the results of the check testing are listed in the form of arithmetic means of the detected concentrations as check value  $\pm U$ . The uncertainties of the check value were calculated as extended uncertainties ( $k=2$ ).

## 2 Evaluation

The analytical results had to be made available to the organiser not later than 14<sup>th</sup> July 2015. 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. The adjusted average value (after removal of outliers) for all submitted results was used as a basis for the calculation of recovery rates.

### z-Score

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

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

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.
- $\sigma$  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 evaluation 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 illustrated in graphical form (see 5 Explanatory notes on the parameter oriented report)

## 4 Explanatory notes

None.

## 5 Explanatory notes on the parameter oriented report

Mean  $\pm$  CI (99%)      *Mean of the participants results, without outliers  $\pm$  99% confidence interval*  
 Minimum – Maximum      *Minimum and maximum of all submitted results, after removal of outliers*  
 Check value  $\pm$  U      *Mean of check value  $\pm$  expanded uncertainty (k=2)*

Labcode	Result	$\pm$ U	Recovery [%]	z-score	Comments
LC0001	0.015	0.0001	89.7	-0.5	
LC0002	0.0148	0.003	88.5	0.6	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
...					
LC0009	0.100	0.01	597.9	24.2	H

### Symbols and abbreviations:

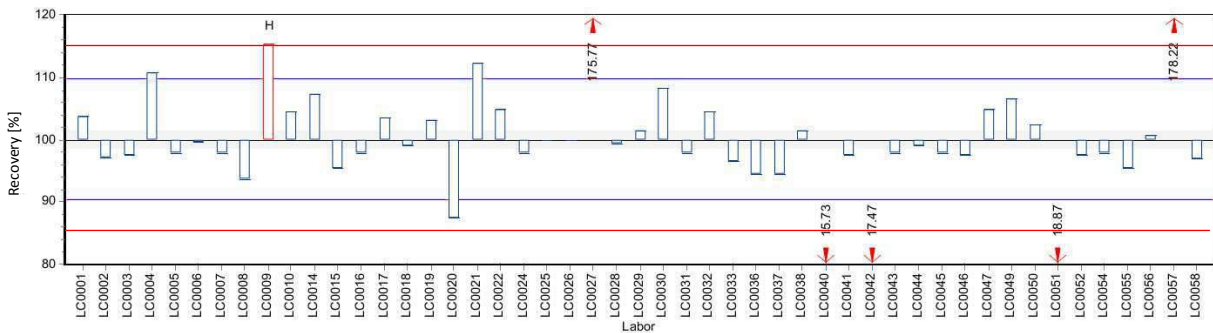
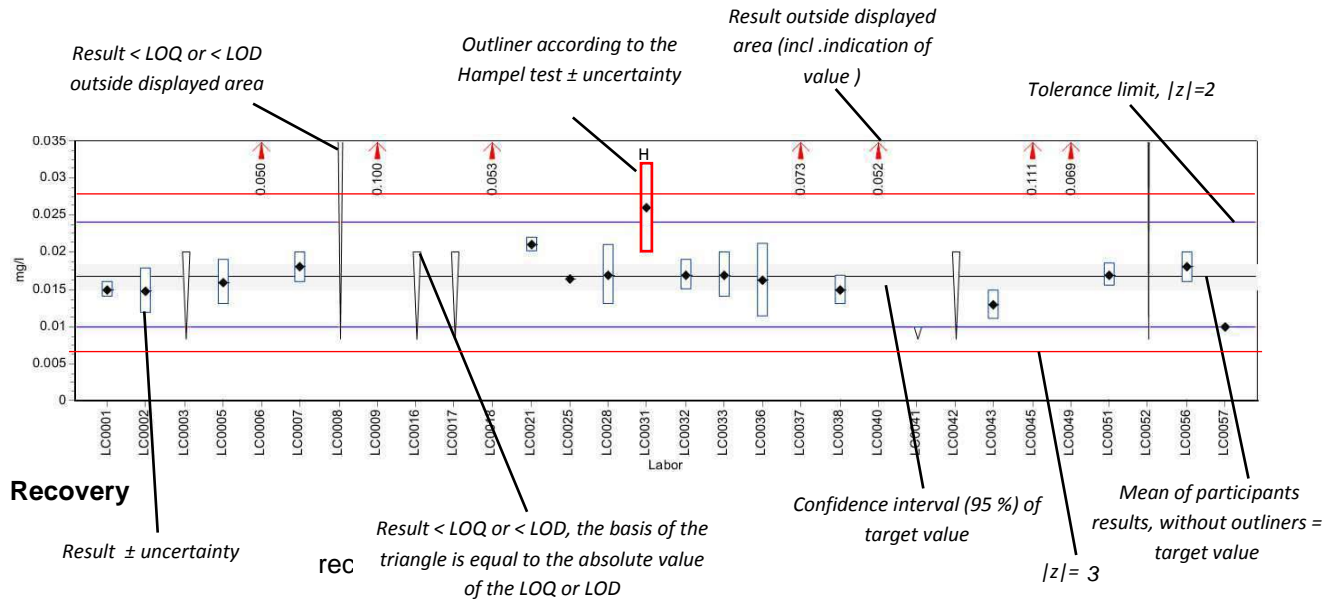
$\pm$  U      Results uncertainty as indicated by participant  
 -      *No data available*

Possible remarks in the column comments:

H      Outlier according to Hampel-Test  
 FN      False negative – For a result < LOQ (level of quantification): The absolute value of the LOD/LOQ 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 LOD/LOQs by more than 100 %.

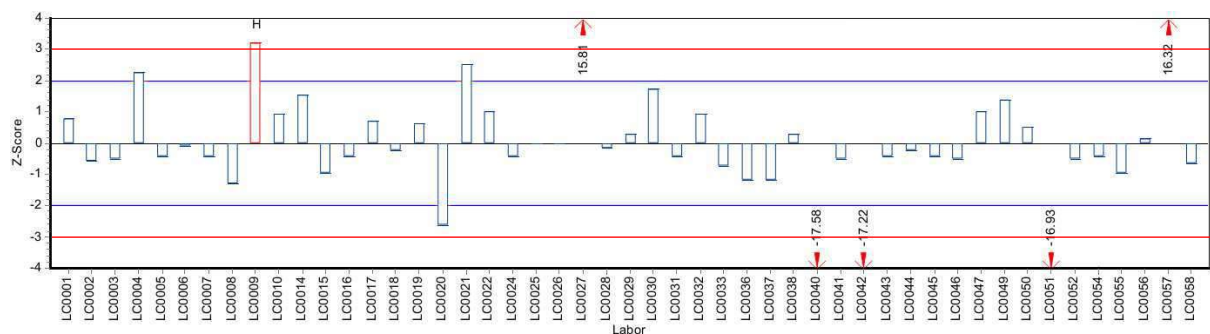
## Graphical presentation of results

### Results



### z-Score

Presentation of results as z-scores.



Summary of results, after removal of outliers: Herbicides - H92

## 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
Alachlor	H92 A	µg/l	0	0	-	±	-	-	-	-
	H92 B	µg/l	13	2	0.697	± 0.055	0.556	0.8	0.0661	9.48
Metazachlor	H92 A	µg/l	0	0	-	±	-	-	-	-
	H92 B	µg/l	18	1	0.551	± 0.0685	0.317	0.692	0.0969	17.6
Metolachlor	H92 A	µg/l	0	0	-	±	-	-	-	-
	H92 B	µg/l	20	0	0.122	± 0.0175	0.067	0.176	0.0261	21.3
2,4-D	H92 A	µg/l	15	1	0.356	± 0.0442	0.254	0.431	0.0571	16
	H92 B	µg/l	14	2	0.815	± 0.0724	0.578	0.937	0.0903	11.1
Bentazone	H92 A	µg/l	18	2	0.238	± 0.0209	0.16	0.273	0.0296	12.4
	H92 B	µg/l	19	1	0.322	± 0.0249	0.241	0.372	0.0362	11.2
Dicamba	H92 A	µg/l	11	1	0.466	± 0.089	0.269	0.594	0.0984	21.1
	H92 B	µg/l	11	1	0.838	± 0.164	0.459	1.069	0.181	21.6
Dichlorprop	H92 A	µg/l	15	2	0.436	± 0.043	0.28	0.508	0.0555	12.7
	H92 B	µg/l	0	0	-	±	-	-	-	-
Mecoprop	H92 A	µg/l	20	1	0.255	± 0.0305	0.16	0.336	0.0454	17.8
	H92 B	µg/l	20	1	0.708	± 0.0628	0.514	0.865	0.0937	13.2
2,4,5-	H92 A	µg/l	11	1	0.624	± 0.0702	0.459	0.726	0.0776	12.4
	H92 B	µg/l	0	0	-	±	-	-	-	-
Glyphosate	H92 A	µg/l	10	0	0.148	± 0.0439	0.063	0.22	0.0463	31.2
	H92 B	µg/l	3	0	-	±	-	0.011	0.015	-
Glufosinate	H92 A	µg/l	9	0	0.369	± 0.151	0.05	0.544	0.151	41
	H92 B	µg/l	8	1	0.567	± 0.119	0.378	0.663	0.112	19.8
AMPA	H92 A	µg/l	7	0	0.156	± 0.0342	0.108	0.187	0.0302	19.3
	H92 B	µg/l	9	1	1.03	± 0.0835	0.915	1.146	0.0835	8.13
Metolachlor ESA	H92 A	µg/l	15	0	0.132	± 0.0336	0.05	0.2	0.0434	32.8
	H92 B	µg/l	15	0	0.283	± 0.047	0.152	0.37	0.0607	21.4
Metolachlor OA	H92 A	µg/l	13	1	0.233	± 0.032	0.158	0.31	0.0385	16.5



Summary of results, after removal of outliers: Herbicides - H92

Parameter	Sample	Unit	Number of results for calculation	Number of outliers	Mean	± CI (99%)	Minimum	Maximum	SD	RSD
Metolachlor OA	H92 B	µg/l	10	4	0.435	± 0.0204	0.407	0.488	0.0216	4.95
Alachlor ESA	H92 A	µg/l	5	0	-	± -	0.298	0.515	-	-
	H92 B	µg/l	4	1	-	± -	0.671	0.748	-	-
Alachlor OA	H92 A	µg/l	6	0	0.281	± 0.0785	0.175	0.352	0.0641	22.8
	H92 B	µg/l	4	2	-	± -	0.37	0.382	-	-
Metazachlor ESA	H92 A	µg/l	10	1	0.406	± 0.0789	0.237	0.525	0.0831	20.5
	H92 B	µg/l	11	0	0.596	± 0.107	0.389	0.766	0.118	19.8
Metazachlor OA	H92 A	µg/l	6	0	0.0703	± 0.0155	0.056	0.088	0.0127	18
	H92 B	µg/l	0	0	-	± -	-	-	-	-

## 7 Parameter oriented report

Alachlor .....	11
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2,4-D .....	29
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Dicamba .....	45
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2,4,5-Trichlorophenoxyacetic acid .....	67
Glyphosate .....	73
Glufosinate .....	79
AMPA.....	87
Metolachlor ESA.....	95
Metolachlor OA.....	103
Alachlor ESA.....	111
Alachlor OA.....	115
Metazachlor ESA.....	121
Metazachlor OA.....	129

## Parameter oriented report

### H92 A

#### Alachlor

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

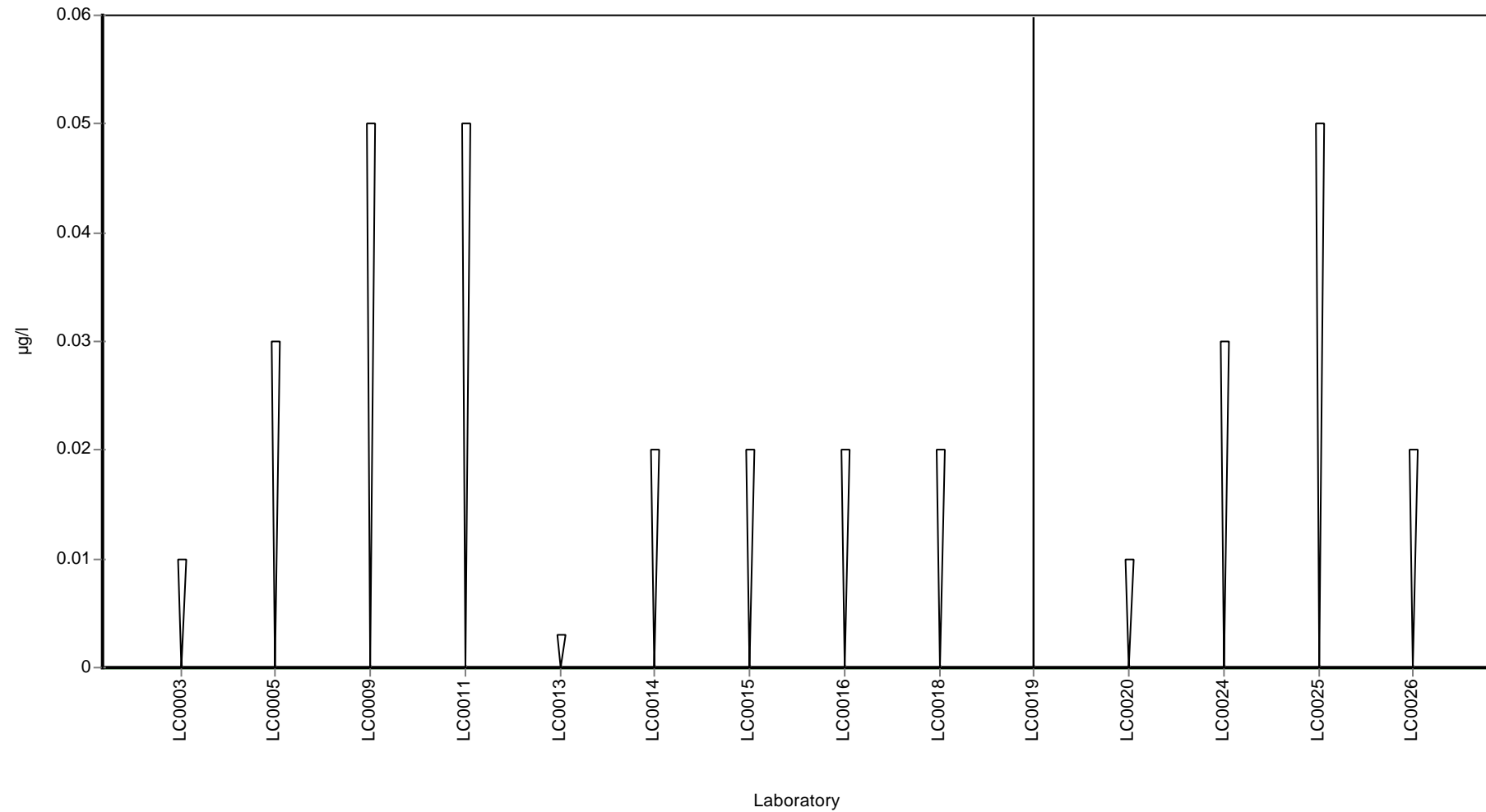
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	< 0.01 (LOQ)	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.03 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	< 0.05 (LOQ)	-	-	-	
LC0010	-	-	-	-	
LC0011	< 0.05 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	< 0.003 (LOQ)	-	-	-	
LC0014	< 0.02 (LOQ)	-	-	-	
LC0015	< 0.02 (LOQ)	-	-	-	
LC0016	< 0.02 (LOQ)	-	-	-	
LC0017	-	-	-	-	
LC0018	< 0.02 (LOQ)	-	-	-	
LC0019	< 20 (LOQ)	-	-	-	
LC0020	< 0.01 (LOQ)	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	< 0.03 (LOQ)	-	-	-	
LC0025	< 0.05 (LOQ)	-	-	-	
LC0026	< 0.02 (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

### H92 B

#### Alachlor

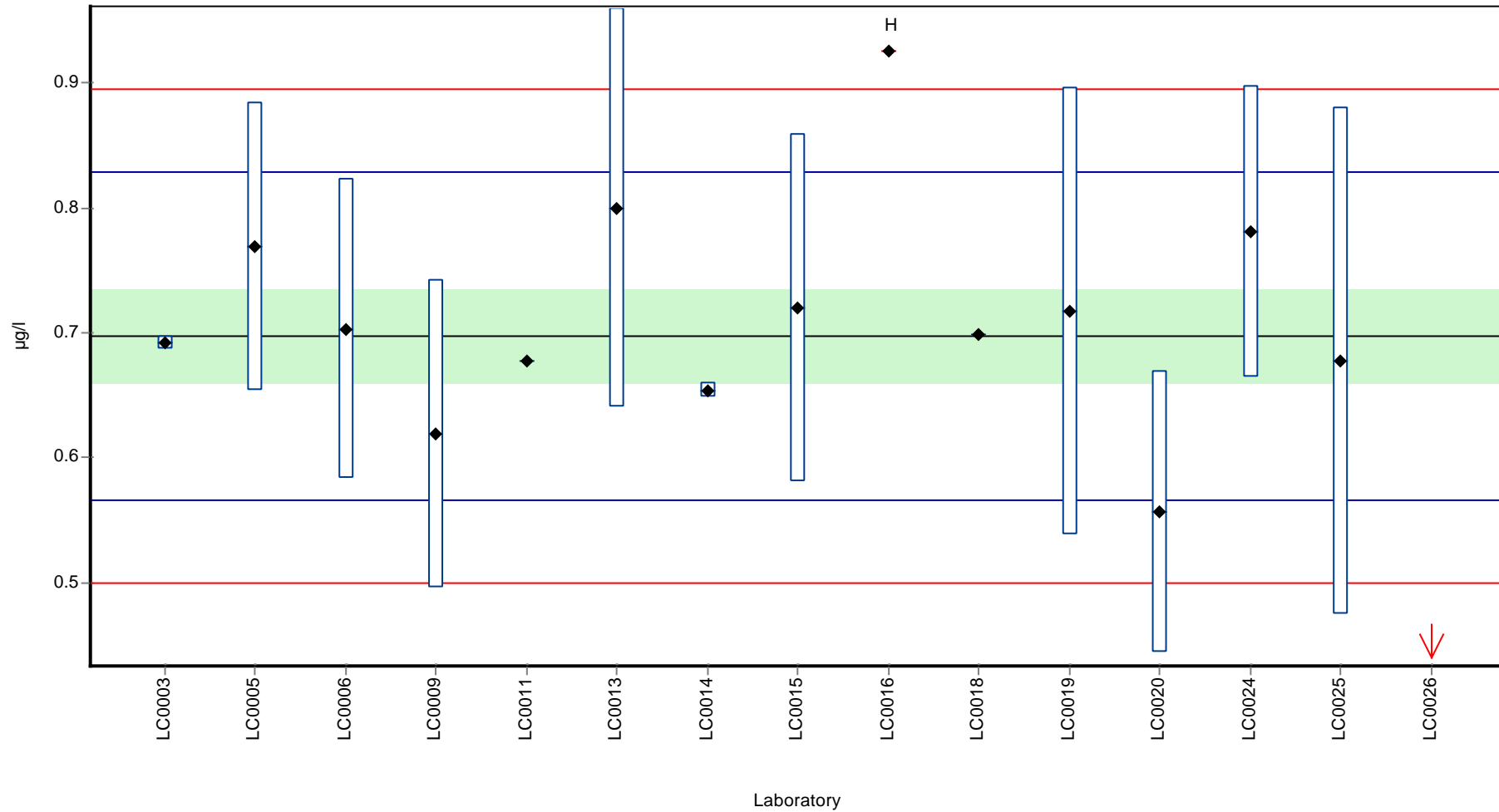
Unit	µg/l
Mean ± CI (99%)	0.697 ± 0.055
Minimum - Maximum	0.556 - 0.8
Check value ± U	0.65 ± 0.0076

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.692	0.005	99.2	-0.1	
LC0004	-	-	-	-	
LC0005	0.769	0.115	110.3	1.1	
LC0006	0.703	0.120	100.8	0.1	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	0.619	0.124	88.8	-1.2	
LC0010	-	-	-	-	
LC0011	0.678	-	97.2	-0.3	
LC0012	-	-	-	-	
LC0013	0.800	0.160	114.7	1.6	
LC0014	0.654	0.006	93.8	-0.7	
LC0015	0.720	0.140	103.3	0.3	
LC0016	0.926	-	132.8	3.5	H
LC0017	-	-	-	-	
LC0018	0.699	-	100.2	0.0	
LC0019	0.717	0.179	102.8	0.3	
LC0020	0.556	0.113	79.7	-2.1	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	0.781	0.1172	112.0	1.3	
LC0025	0.677	0.203	97.1	-0.3	
LC0026	0.350	0.030	50.2	-5.3	H

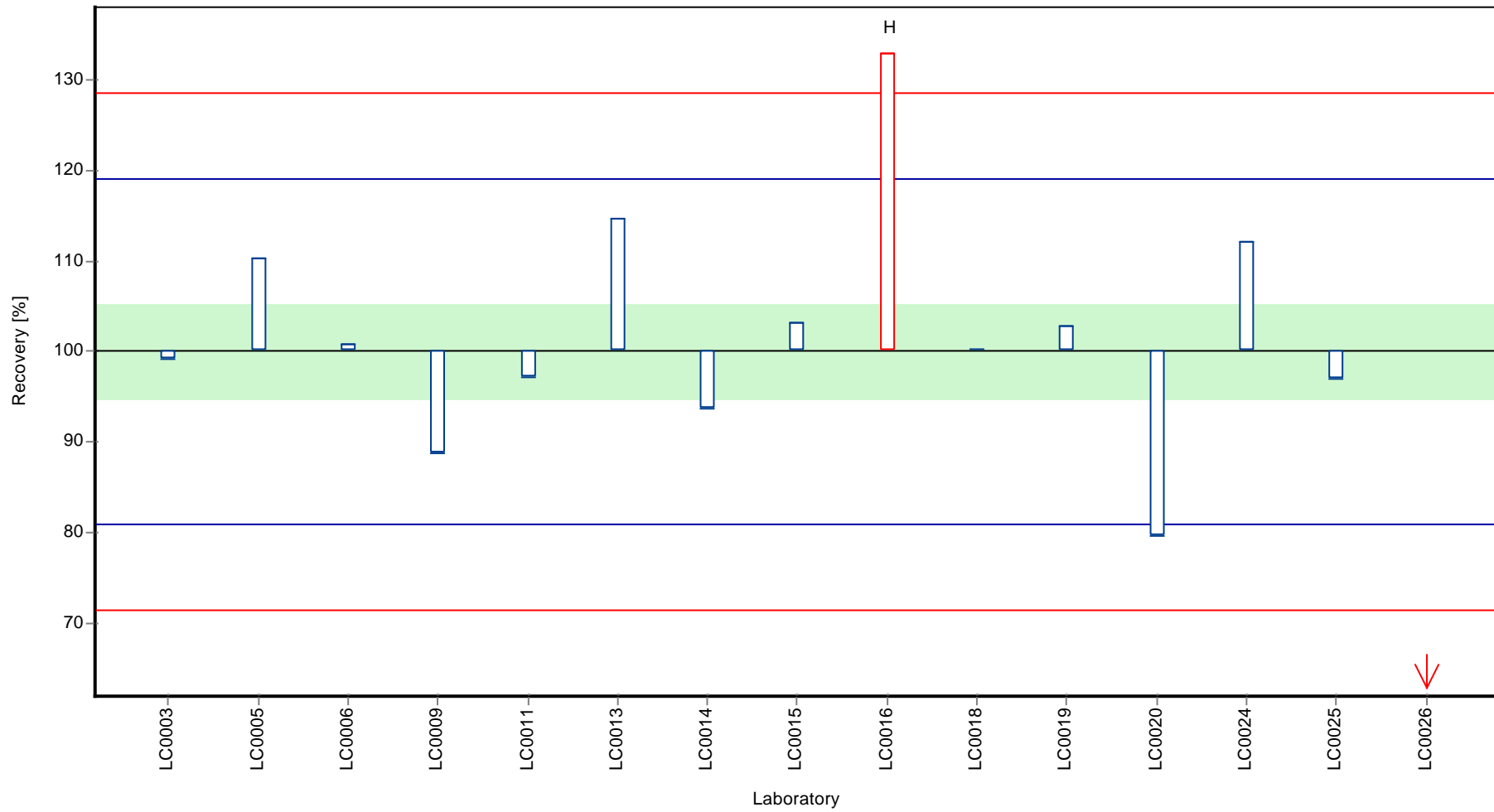
#### Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.689 ± 0.0981	0.697 ± 0.055	µg/l
Minimum	0.35	0.556	µg/l
Maximum	0.926	0.8	µg/l
Standard deviation	0.127	0.0661	µg/l
rel. Standard deviation	18.4	9.48	%
n	15	13	-

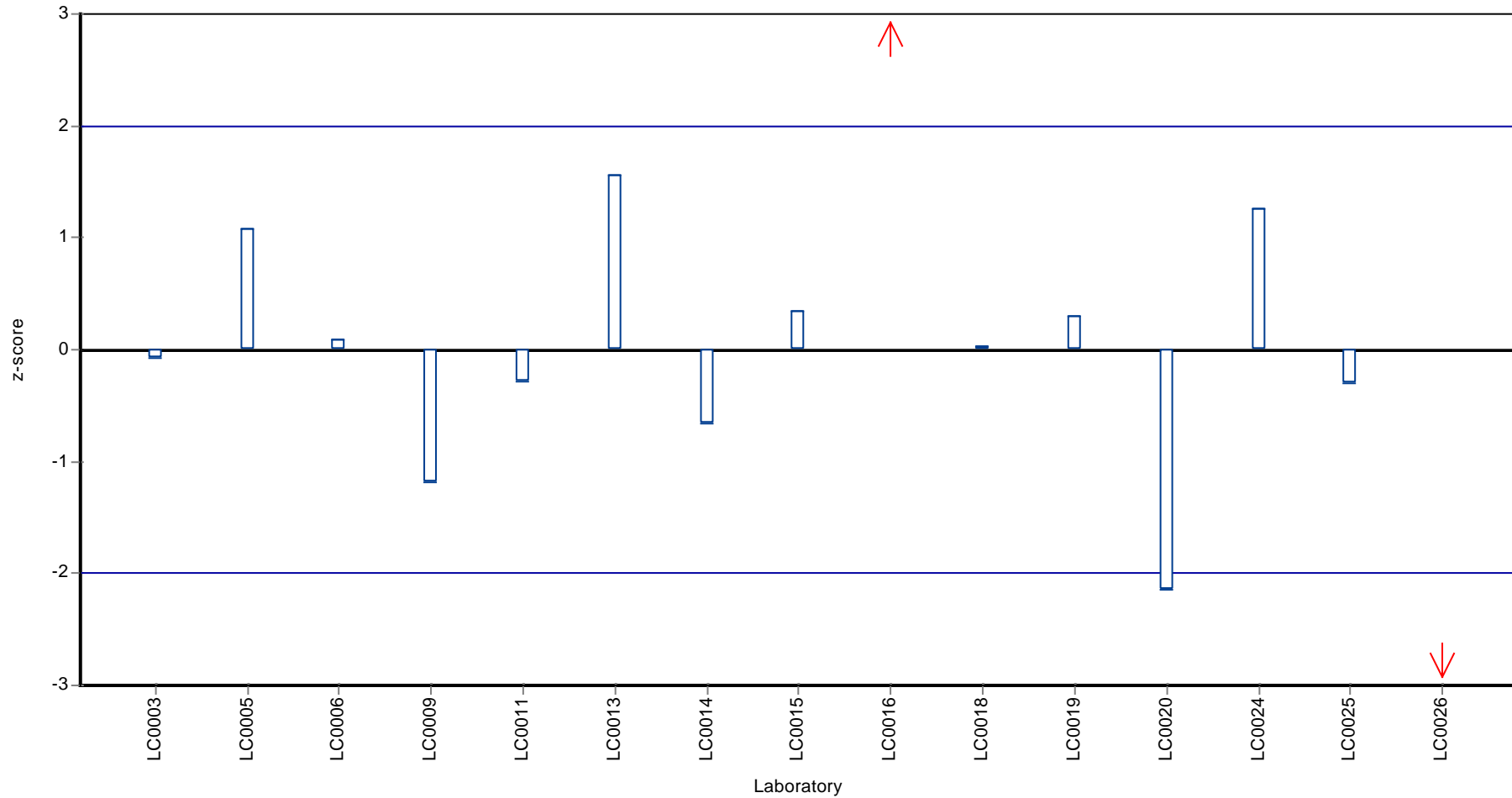
Graphical presentation of results  
Results



Recovery rate



Z-score





## Parameter oriented report

### H92 A

#### Metazachlor

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

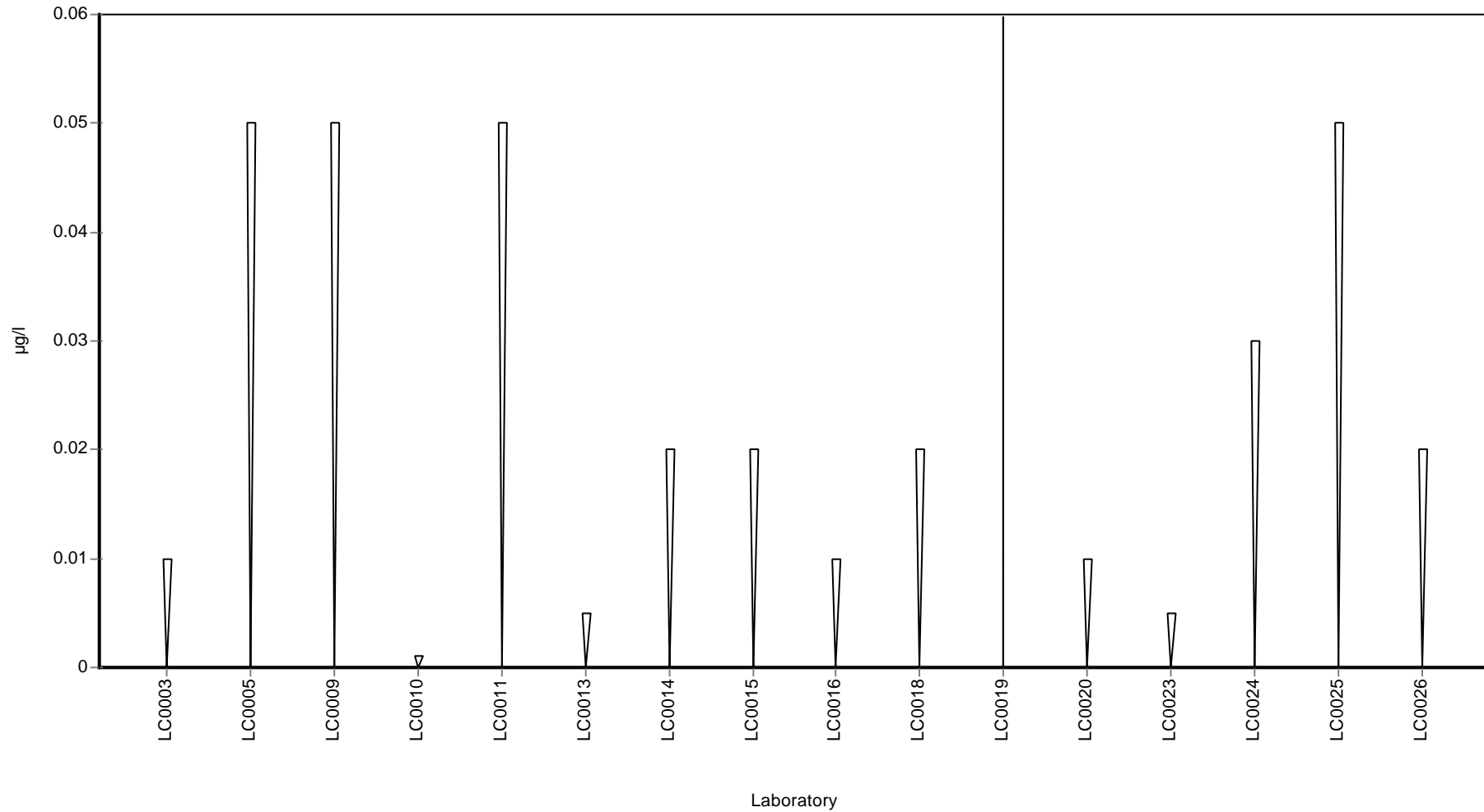
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	< 0.01 (LOQ)	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.05 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	< 0.05 (LOQ)	-	-	-	
LC0010	< 0.001 (LOQ)	-	-	-	
LC0011	< 0.05 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	< 0.005 (LOQ)	-	-	-	
LC0014	< 0.02 (LOQ)	-	-	-	
LC0015	< 0.02 (LOQ)	-	-	-	
LC0016	< 0.01 (LOQ)	-	-	-	
LC0017	-	-	-	-	
LC0018	< 0.02 (LOQ)	-	-	-	
LC0019	< 20 (LOQ)	-	-	-	
LC0020	< 0.01 (LOQ)	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	< 0.005 (LOQ)	-	-	-	
LC0024	< 0.03 (LOQ)	-	-	-	
LC0025	< 0.05 (LOQ)	-	-	-	
LC0026	< 0.02 (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

### H92 B

#### Metazachlor

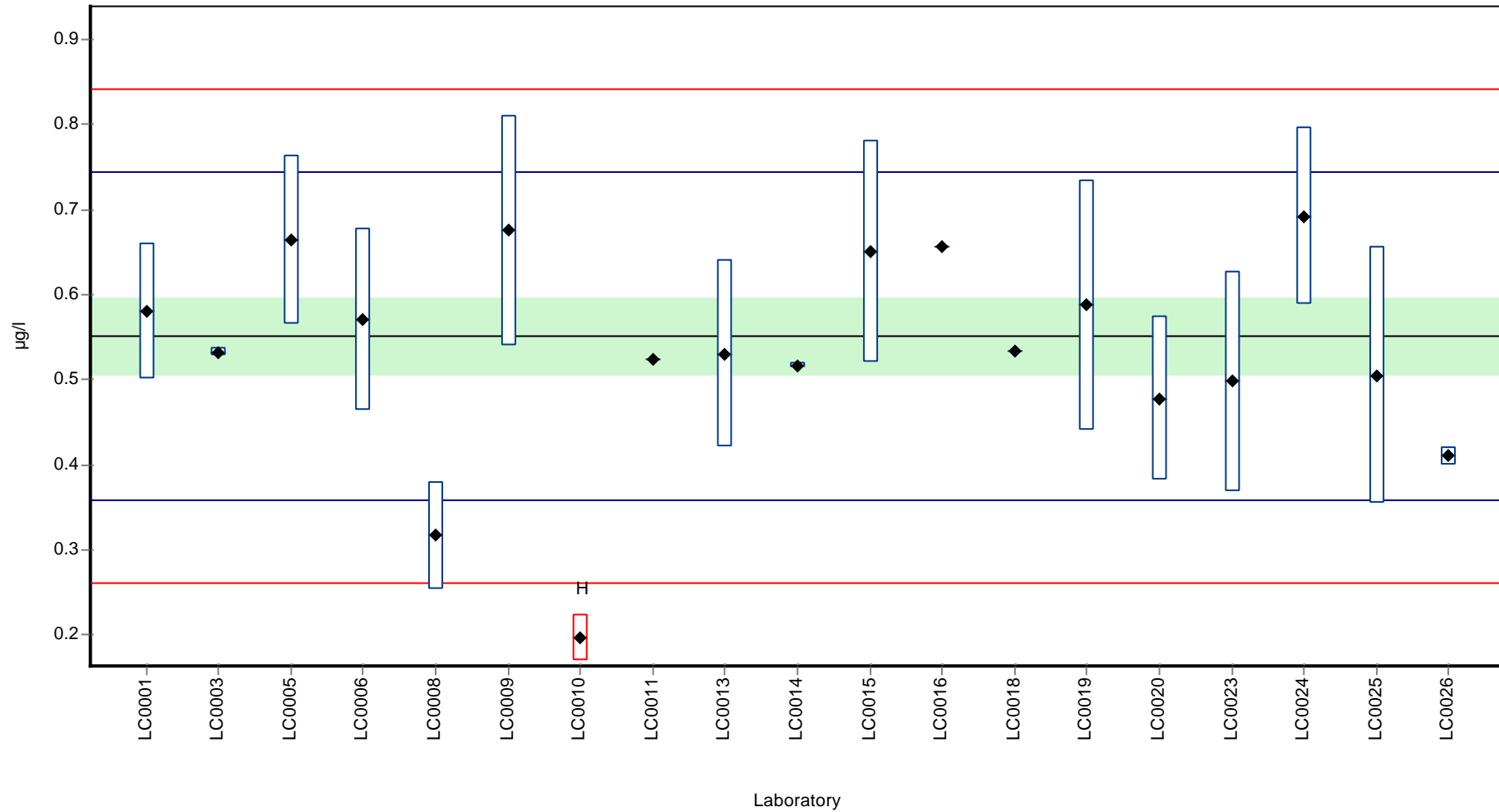
Unit	µg/l
Mean ± CI (99%)	0.551 ± 0.0685
Minimum - Maximum	0.317 - 0.692
Check value ± U	0.53 ± 0.0049

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.580	0.080	105.2	0.3	
LC0002	-	-	-	-	
LC0003	0.532	0.005	96.5	-0.2	
LC0004	-	-	-	-	
LC0005	0.664	0.100	120.5	1.2	
LC0006	0.570	0.107	103.4	0.2	
LC0007	-	-	-	-	
LC0008	0.317	0.063	57.5	-2.4	
LC0009	0.675	0.135	122.5	1.3	
LC0010	0.196	0.027	35.6	-3.7	H
LC0011	0.523	-	94.9	-0.3	
LC0012	-	-	-	-	
LC0013	0.530	0.110	96.2	-0.2	
LC0014	0.517	0.003	93.8	-0.4	
LC0015	0.650	0.130	117.9	1.0	
LC0016	0.657	-	119.2	1.1	
LC0017	-	-	-	-	
LC0018	0.534	-	96.9	-0.2	
LC0019	0.588	0.147	106.7	0.4	
LC0020	0.478	0.096	86.7	-0.8	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	0.498	0.129	90.4	-0.5	
LC0024	0.692	0.1038	125.6	1.5	
LC0025	0.505	0.151	91.6	-0.5	
LC0026	0.410	0.010	74.4	-1.5	

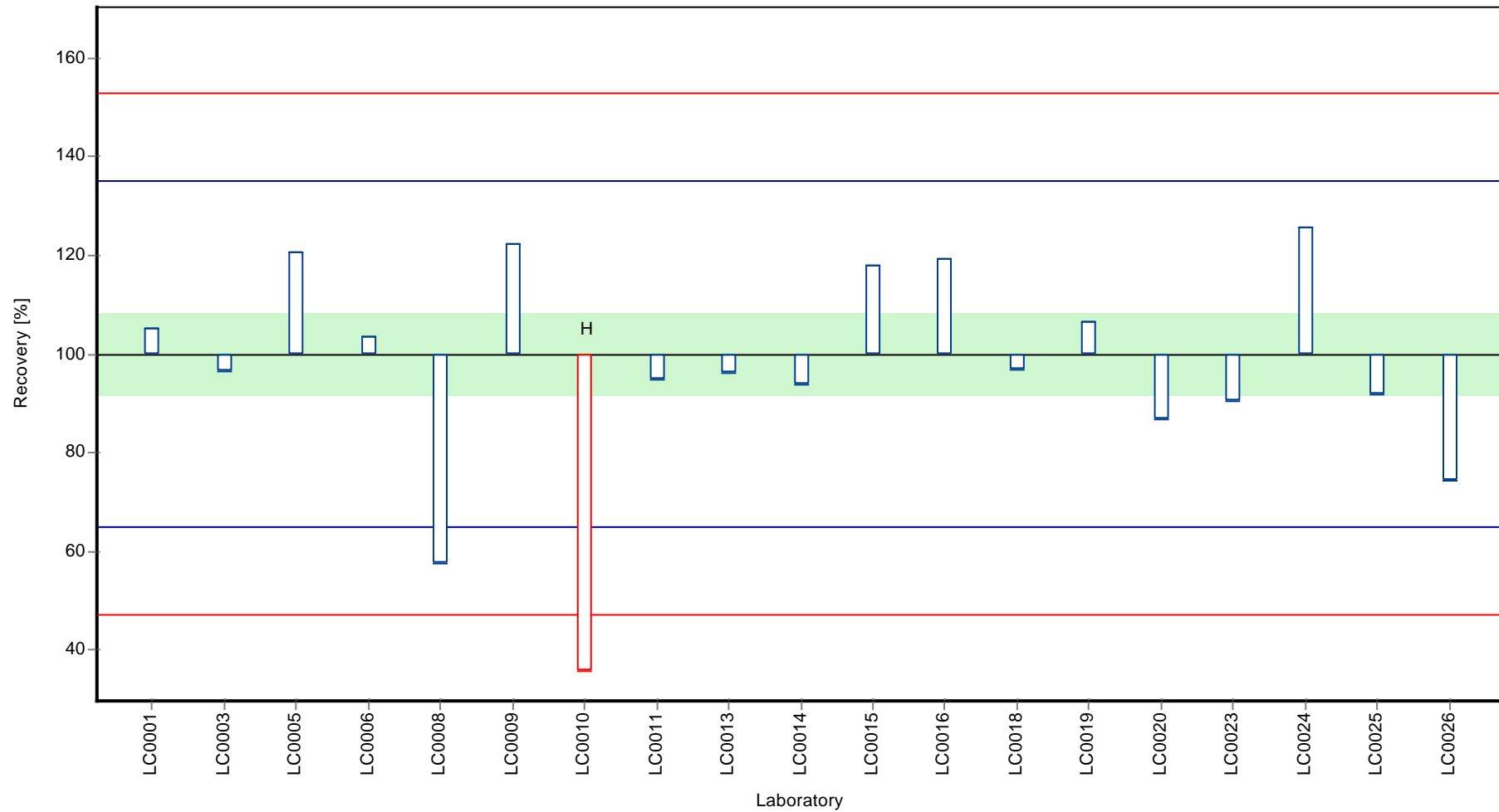
#### Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.532 ± 0.0857	0.551 ± 0.0685	µg/l
Minimum	0.196	0.317	µg/l
Maximum	0.692	0.692	µg/l
Standard deviation	0.125	0.0969	µg/l
rel. Standard deviation	23.4	17.6	%
n	19	18	-

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



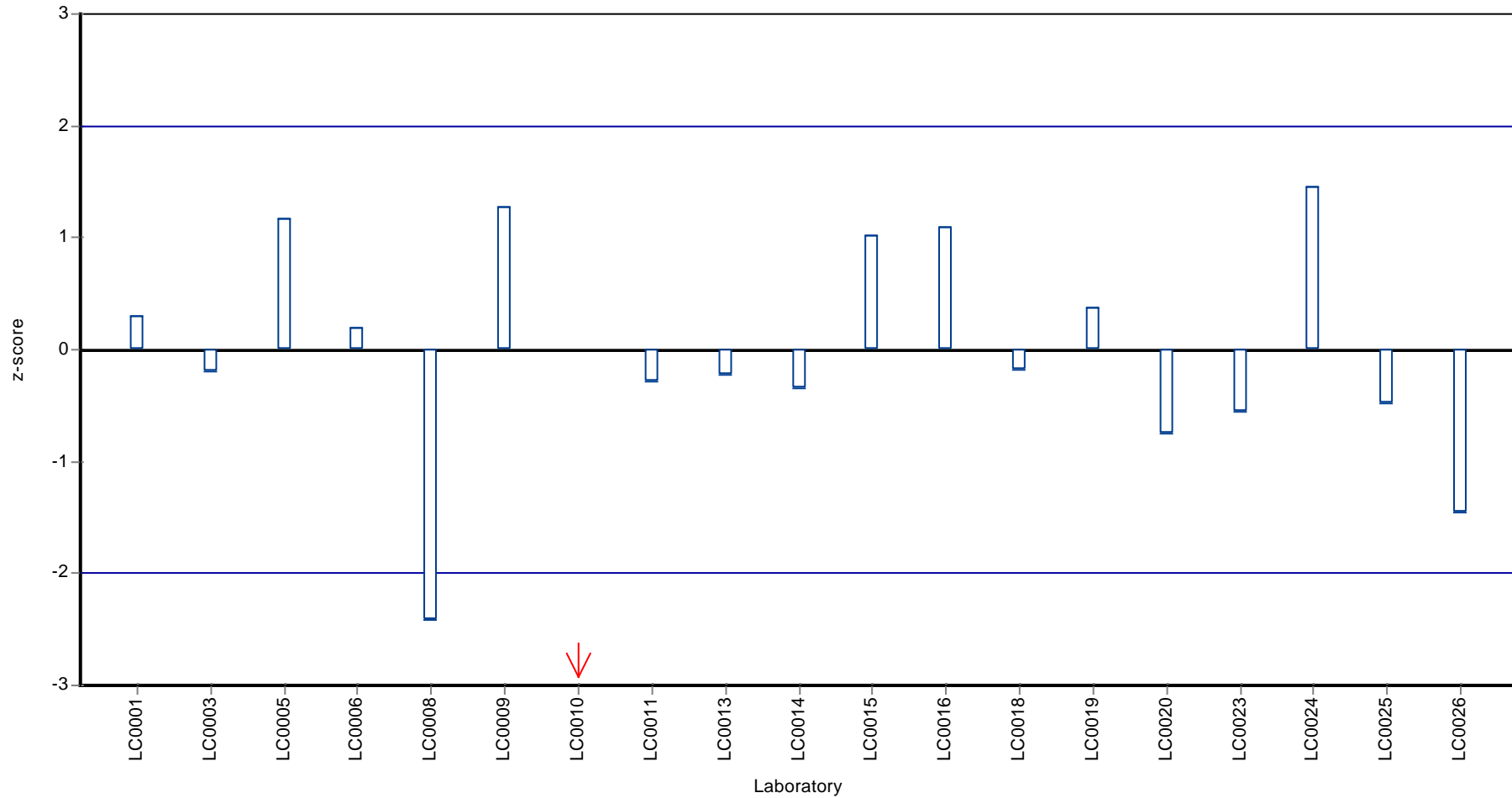
Recovery rate



Parameter oriented report Herbicides - H92

Sample: H92B, Parameter: Metazachlor

Z-score



## Parameter oriented report

### H92 A

#### Metolachlor

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

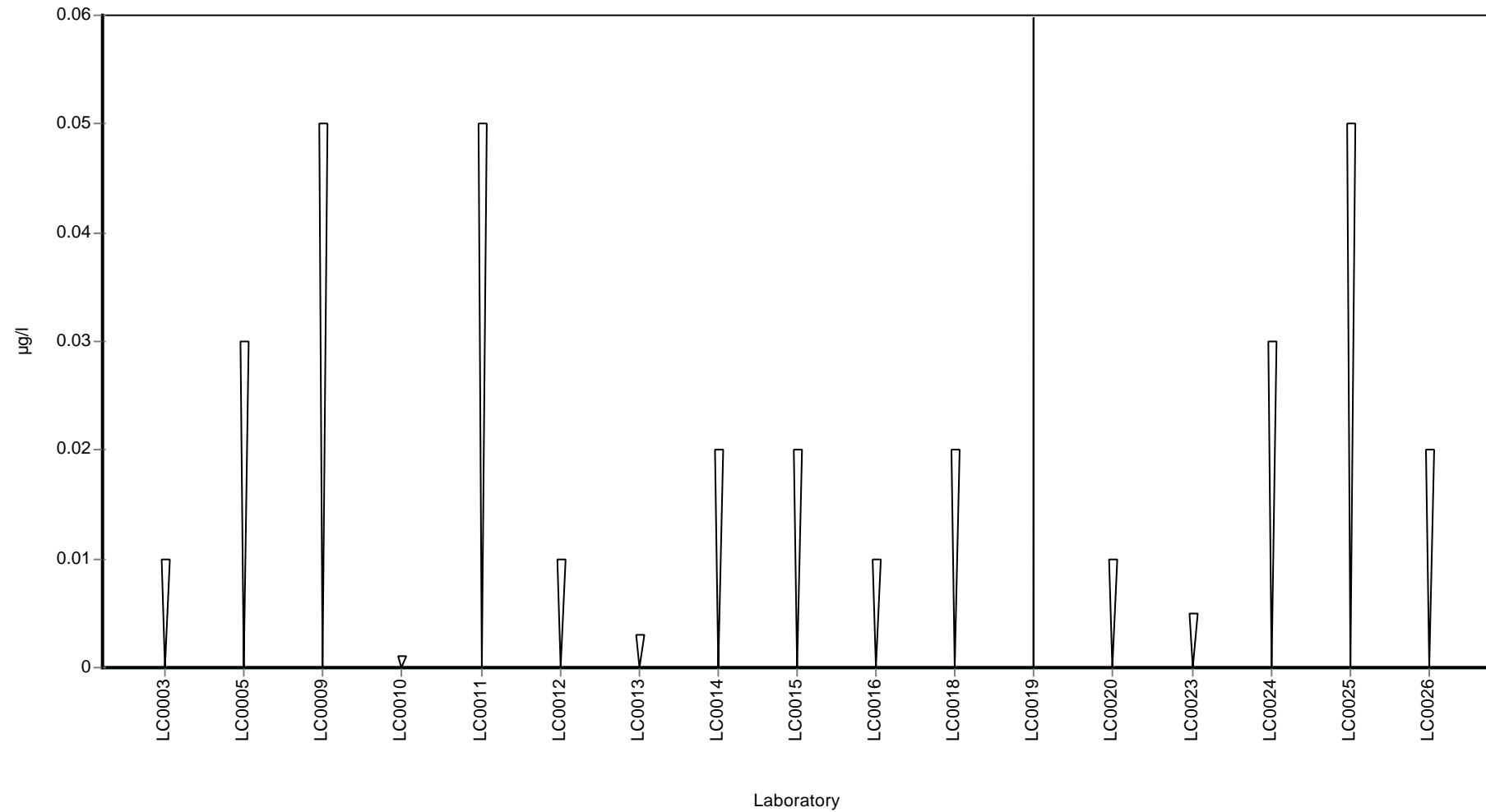
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	< 0.01 (LOQ)	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.03 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	< 0.05 (LOQ)	-	-	-	
LC0010	< 0.001 (LOQ)	-	-	-	
LC0011	< 0.05 (LOQ)	-	-	-	
LC0012	< 0.01 (LOQ)	-	-	-	
LC0013	< 0.003 (LOQ)	-	-	-	
LC0014	< 0.02 (LOQ)	-	-	-	
LC0015	< 0.02 (LOQ)	-	-	-	
LC0016	< 0.01 (LOQ)	-	-	-	
LC0017	-	-	-	-	
LC0018	< 0.02 (LOQ)	-	-	-	
LC0019	< 20 (LOQ)	-	-	-	
LC0020	< 0.01 (LOQ)	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	< 0.005 (LOQ)	-	-	-	
LC0024	< 0.03 (LOQ)	-	-	-	
LC0025	< 0.05 (LOQ)	-	-	-	
LC0026	< 0.02 (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

### H92 B

#### Metolachlor

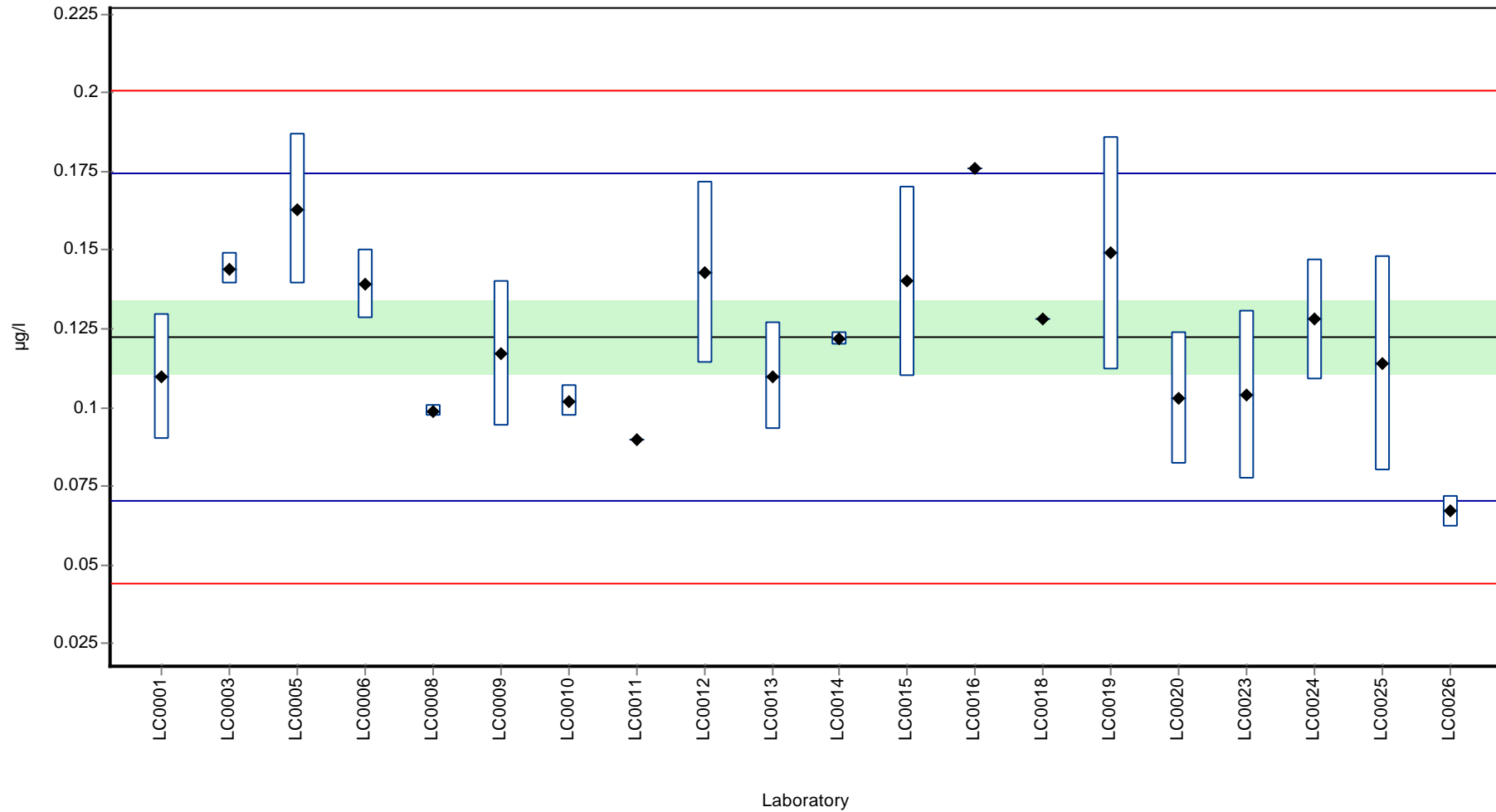
Unit	µg/l
Mean ± CI (99%)	0.122 ± 0.0175
Minimum - Maximum	0.067 - 0.176
Check value ± U	0.12 ± 0.0028

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.110	0.020	89.9	-0.5	
LC0002	-	-	-	-	
LC0003	0.144	0.005	117.6	0.8	
LC0004	-	-	-	-	
LC0005	0.163	0.024	133.2	1.6	
LC0006	0.139	0.011	113.6	0.6	
LC0007	-	-	-	-	
LC0008	0.099	0.002	80.9	-0.9	
LC0009	0.117	0.023	95.6	-0.2	
LC0010	0.102	0.005	83.3	-0.8	
LC0011	0.090	-	73.5	-1.2	
LC0012	0.143	0.029	116.8	0.8	
LC0013	0.110	0.017	89.9	-0.5	
LC0014	0.122	0.002	99.7	0.0	
LC0015	0.140	0.030	114.4	0.7	
LC0016	0.176	-	143.8	2.1	
LC0017	-	-	-	-	
LC0018	0.128	-	104.6	0.2	
LC0019	0.149	0.037	121.7	1.0	
LC0020	0.103	0.021	84.2	-0.7	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	0.104	0.027	85.0	-0.7	
LC0024	0.128	0.0192	104.6	0.2	
LC0025	0.114	0.034	93.1	-0.3	
LC0026	0.067	0.005	54.7	-2.1	

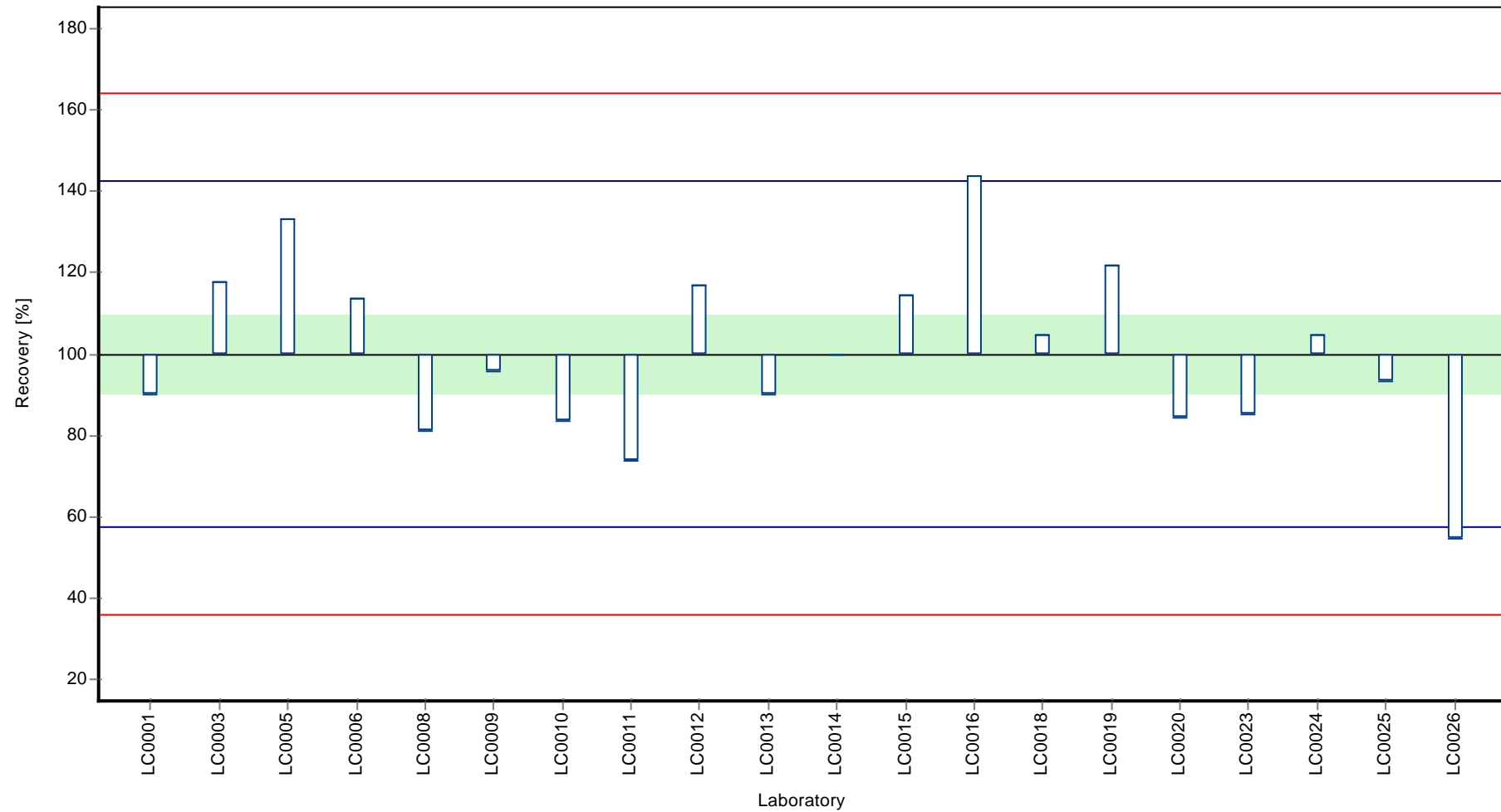
#### Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.122 ± 0.0175	0.122 ± 0.0175	µg/l
Minimum	0.067	0.067	µg/l
Maximum	0.176	0.176	µg/l
Standard deviation	0.0261	0.0261	µg/l
rel. Standard deviation	21.3	21.3	%
n	20	20	-

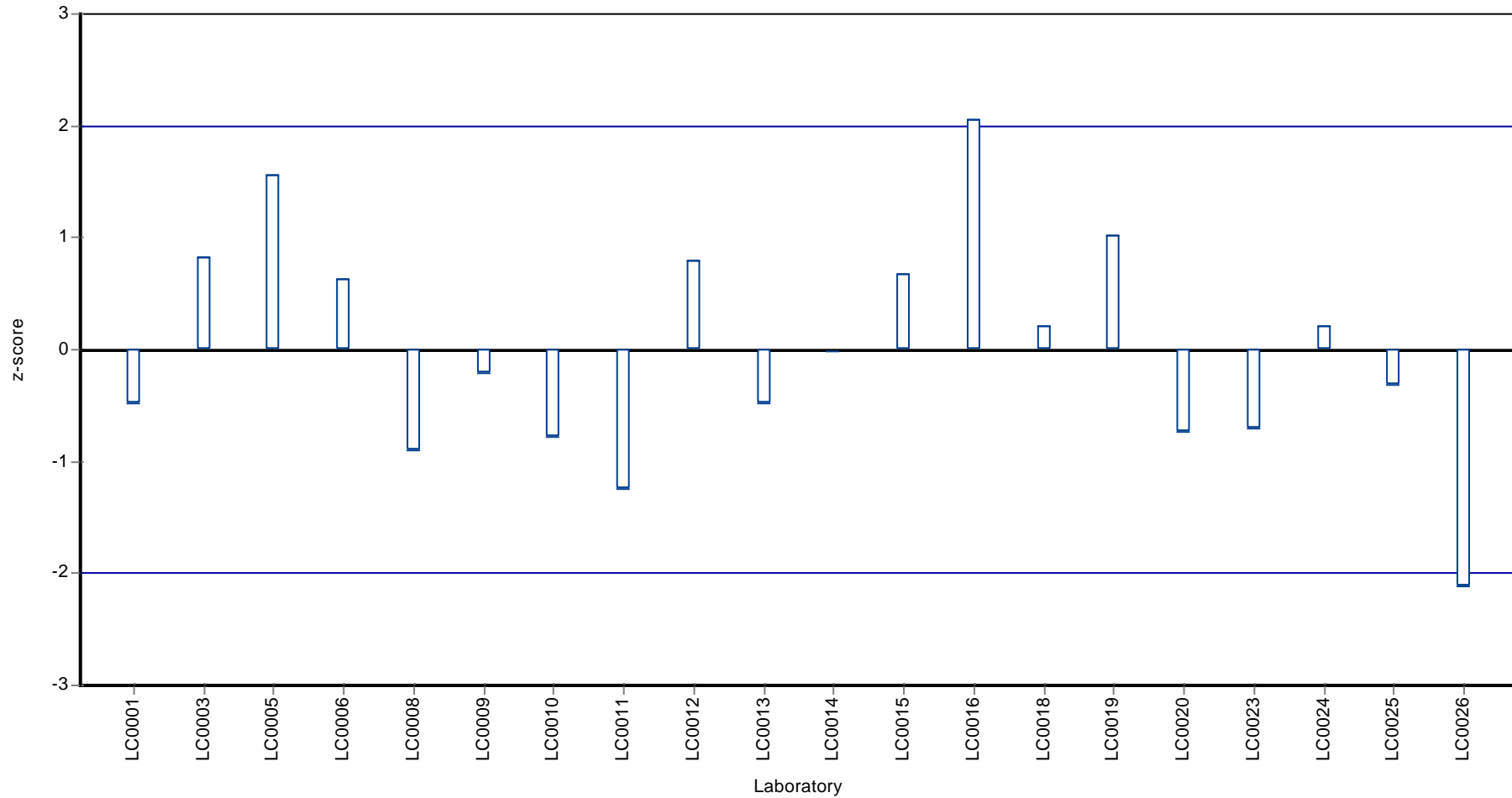
**Graphical presentation of results**  
**Results**



Recovery rate



Z-score



## Parameter oriented report

### H92 A

### 2,4-D

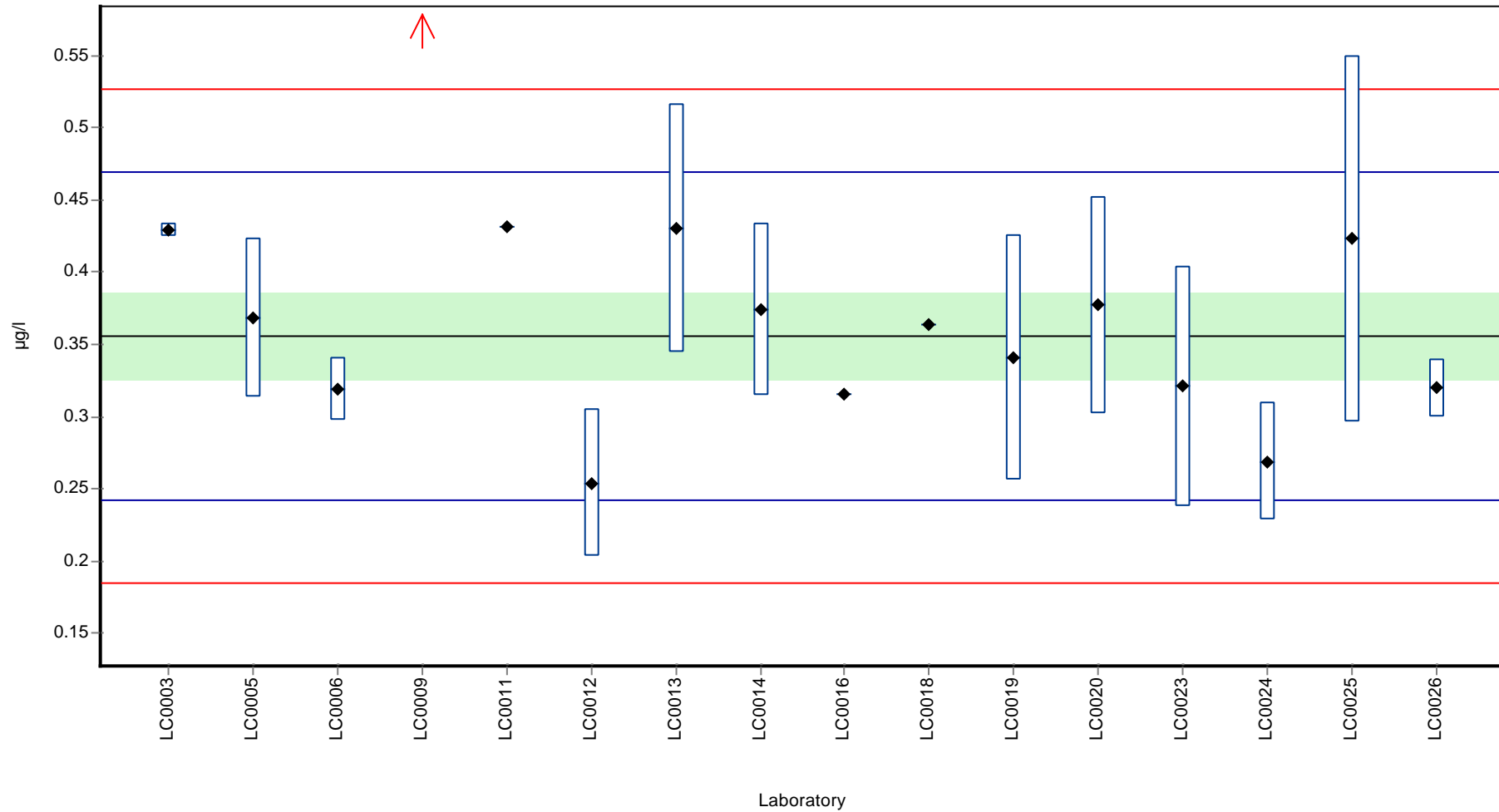
Unit	µg/l
Mean ± CI (99%)	0.356 ± 0.0442
Minimum - Maximum	0.254 - 0.431
Check value ± U	0.32 ± 0.0091

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.429	0.005	120.6	1.3	
LC0004	-	-	-	-	
LC0005	0.368	0.055	103.4	0.2	
LC0006	0.319	0.022	89.7	-0.6	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	0.794	0.159	223.2	7.7	H
LC0010	-	-	-	-	
LC0011	0.431	-	121.2	1.3	
LC0012	0.254	0.051	71.4	-1.8	
LC0013	0.430	0.086	120.9	1.3	
LC0014	0.374	0.060	105.1	0.3	
LC0015	-	-	-	-	
LC0016	0.316	-	88.8	-0.7	
LC0017	-	-	-	-	
LC0018	0.364	-	102.3	0.1	
LC0019	0.341	0.085	95.9	-0.3	
LC0020	0.377	0.075	106.0	0.4	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	0.321	0.083	90.2	-0.6	
LC0024	0.269	0.0403	75.6	-1.5	
LC0025	0.423	0.127	118.9	1.2	
LC0026	0.320	0.020	90.0	-0.6	

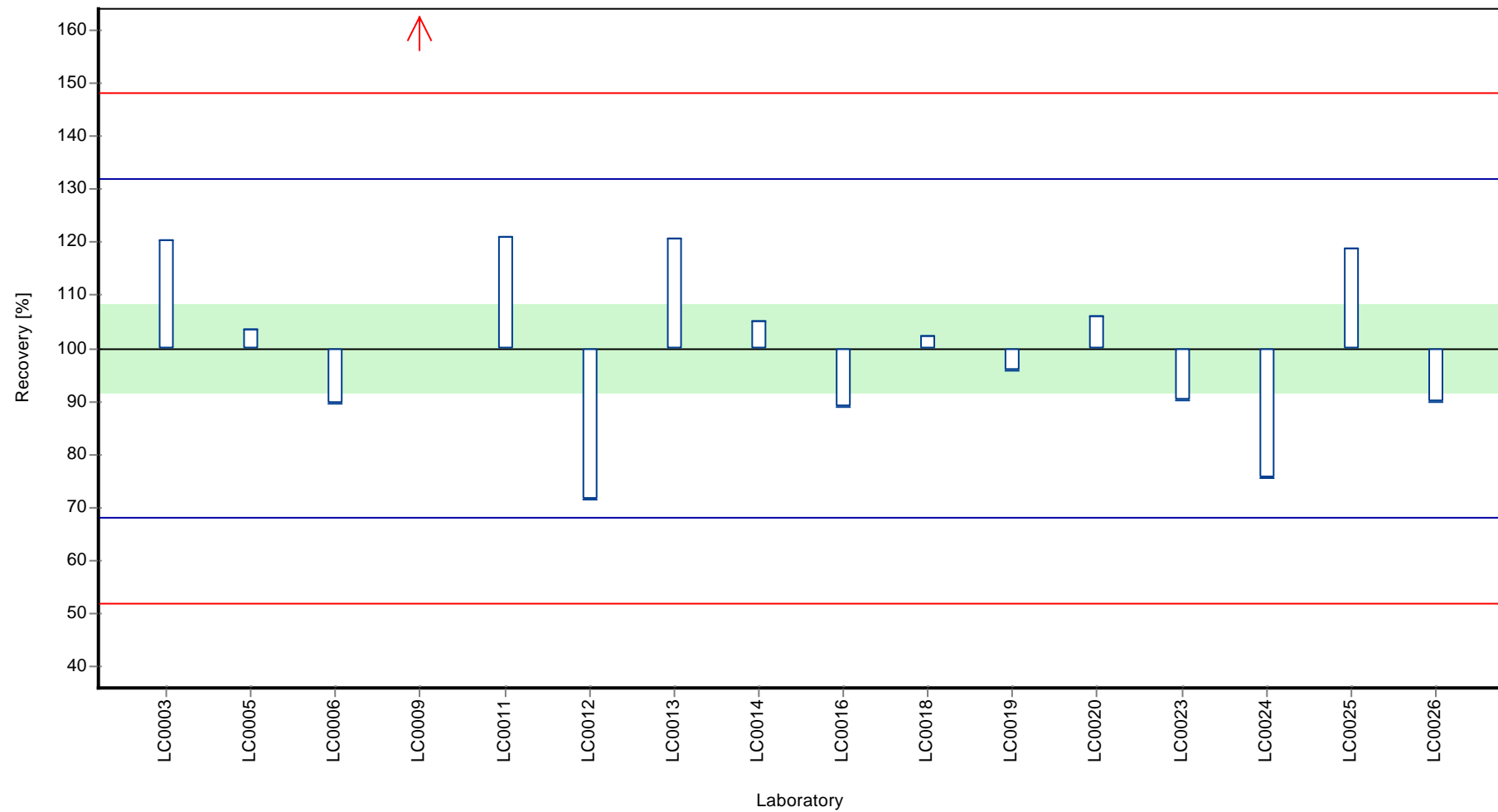
### Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.383 ± 0.092	0.356 ± 0.0442	µg/l
Minimum	0.254	0.254	µg/l
Maximum	0.794	0.431	µg/l
Standard deviation	0.123	0.0571	µg/l
rel. Standard deviation	32	16	%
n	16	15	-

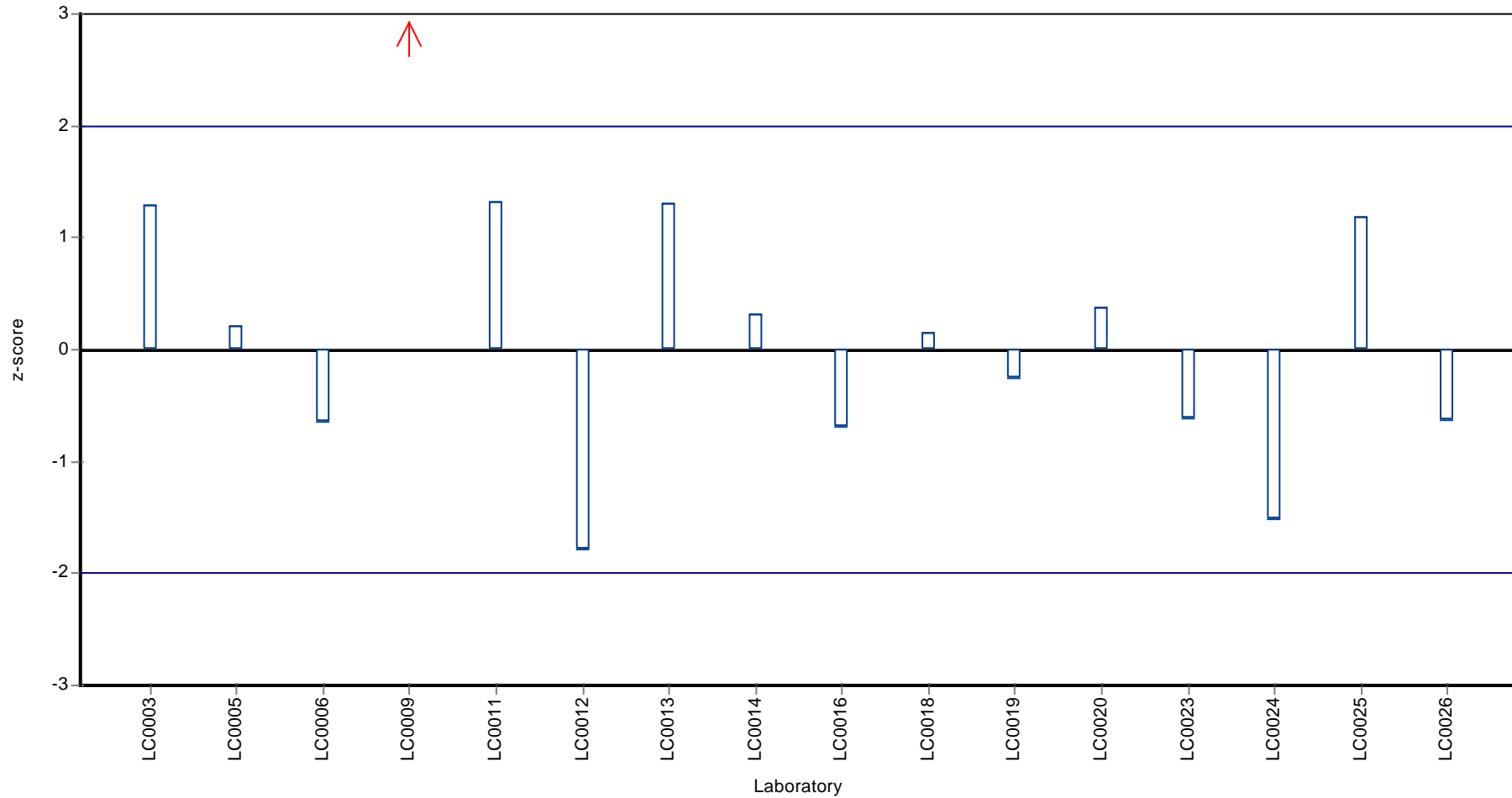
**Graphical presentation of results**  
**Results**



Recovery rate



Z-score





## Parameter oriented report

### H92 B

### 2,4-D

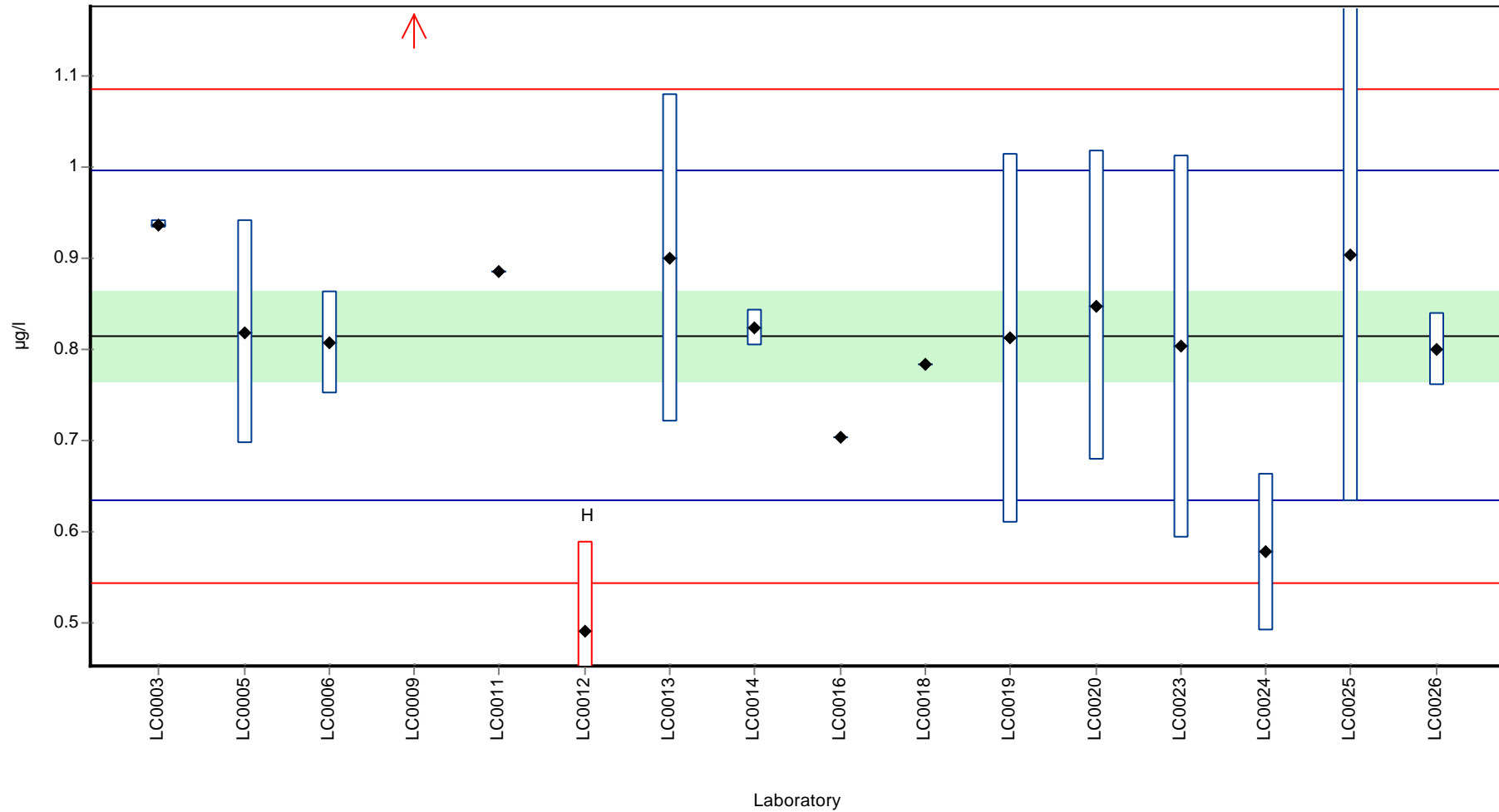
Unit	µg/l
Mean ± CI (99%)	0.815 ± 0.0724
Minimum - Maximum	0.578 - 0.937
Check value ± U	0.64 ± 0.025

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.937	0.005	115.0	1.4	
LC0004	-	-	-	-	
LC0005	0.819	0.123	100.5	0.0	
LC0006	0.808	0.056	99.2	-0.1	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	1.210	0.240	148.5	4.4	H
LC0010	-	-	-	-	
LC0011	0.885	-	108.6	0.8	
LC0012	0.492	0.098	60.4	-3.6	H
LC0013	0.900	0.180	110.5	0.9	
LC0014	0.824	0.020	101.1	0.1	
LC0015	-	-	-	-	
LC0016	0.704	-	86.4	-1.2	
LC0017	-	-	-	-	
LC0018	0.784	-	96.2	-0.3	
LC0019	0.812	0.203	99.7	0.0	
LC0020	0.848	0.170	104.1	0.4	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	0.803	0.209	98.6	-0.1	
LC0024	0.578	0.0867	70.9	-2.6	
LC0025	0.904	0.271	111.0	1.0	
LC0026	0.800	0.040	98.2	-0.2	

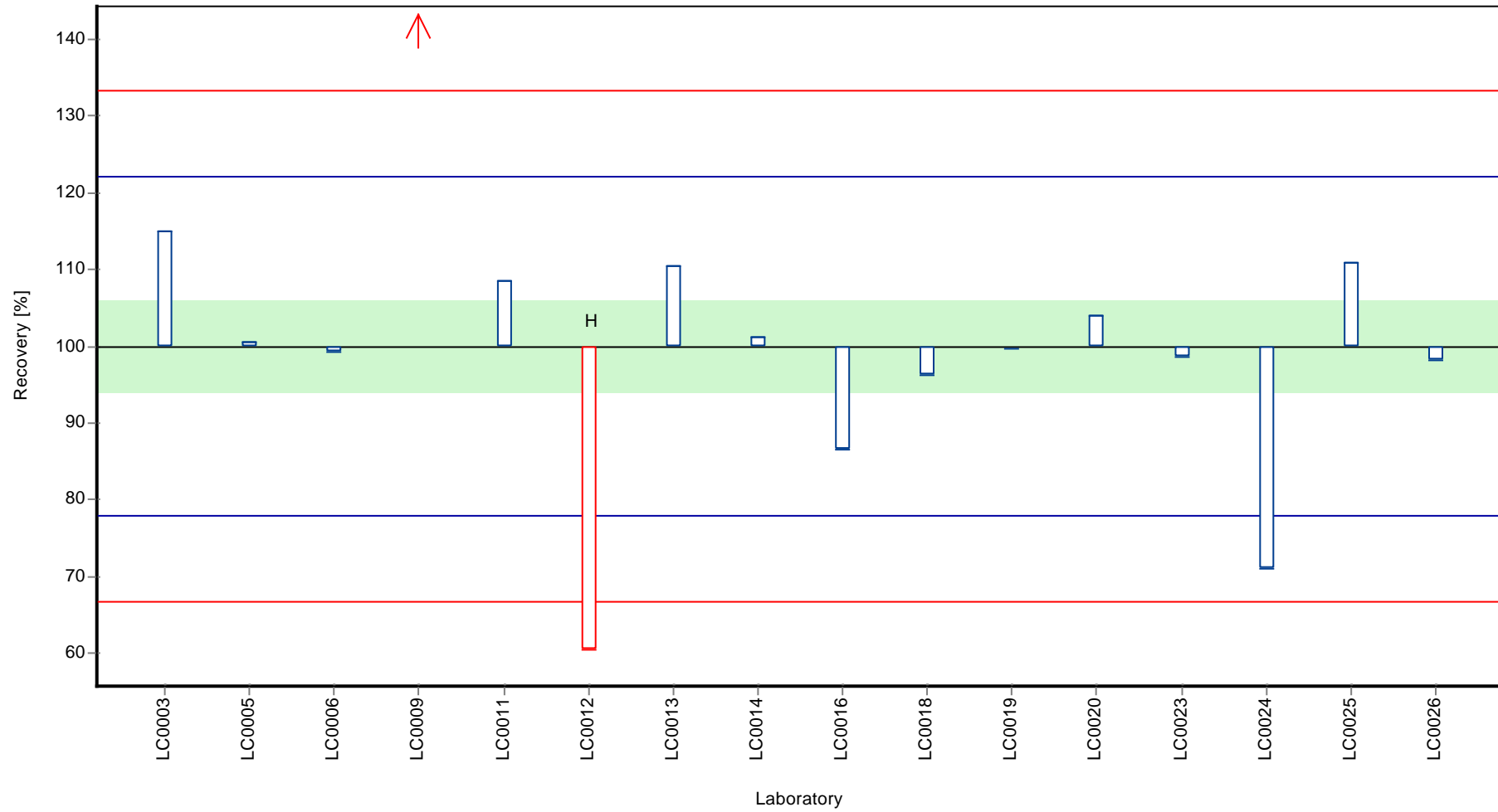
#### Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.819 ± 0.117	0.815 ± 0.0724	µg/l
Minimum	0.492	0.578	µg/l
Maximum	1.21	0.937	µg/l
Standard deviation	0.156	0.0903	µg/l
rel. Standard deviation	19.1	11.1	%
n	16	14	-

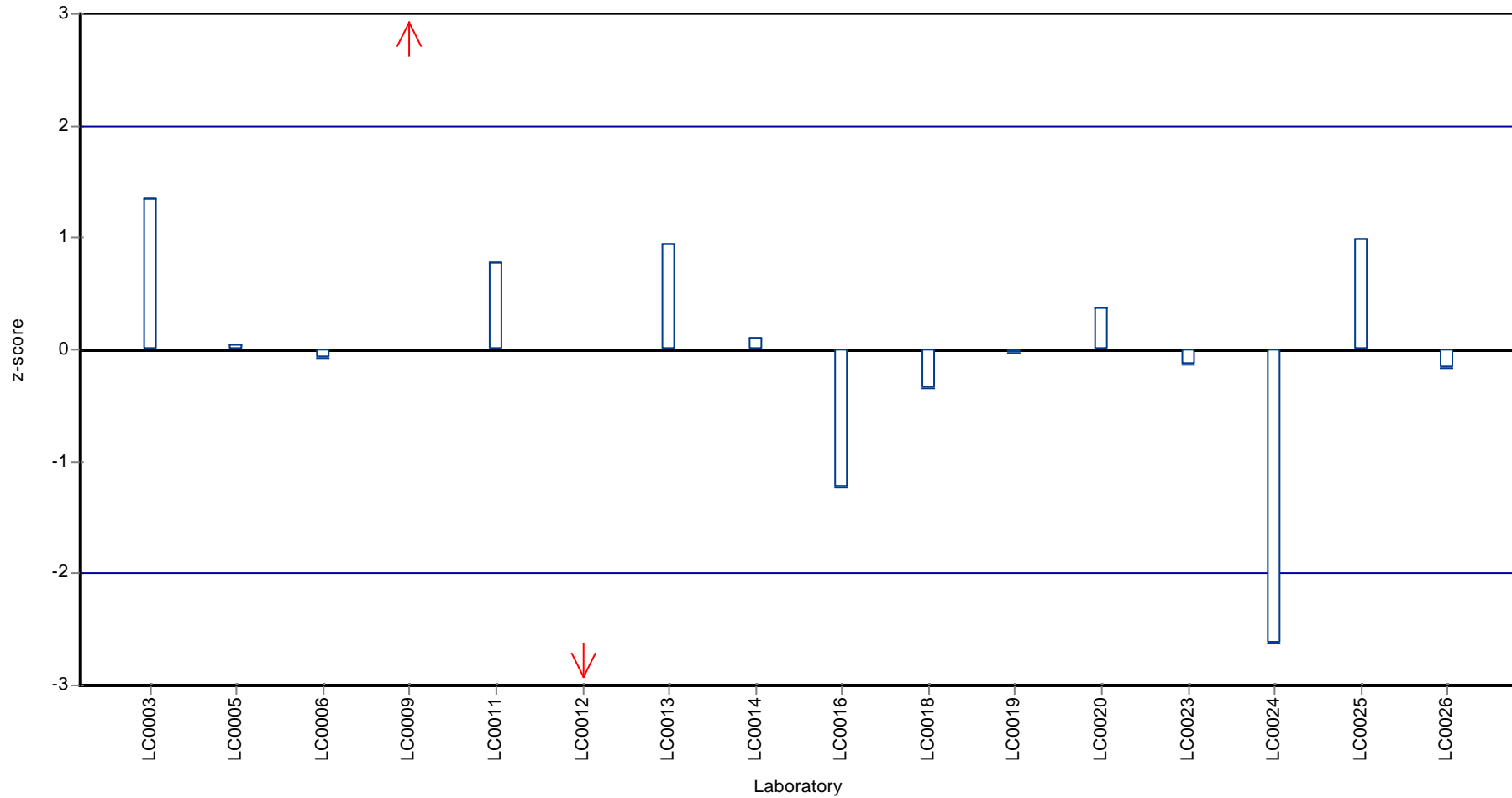
Graphical presentation of results  
Results



Recovery rate



Z-score



## Parameter oriented report

### H92 A

#### Bentazone

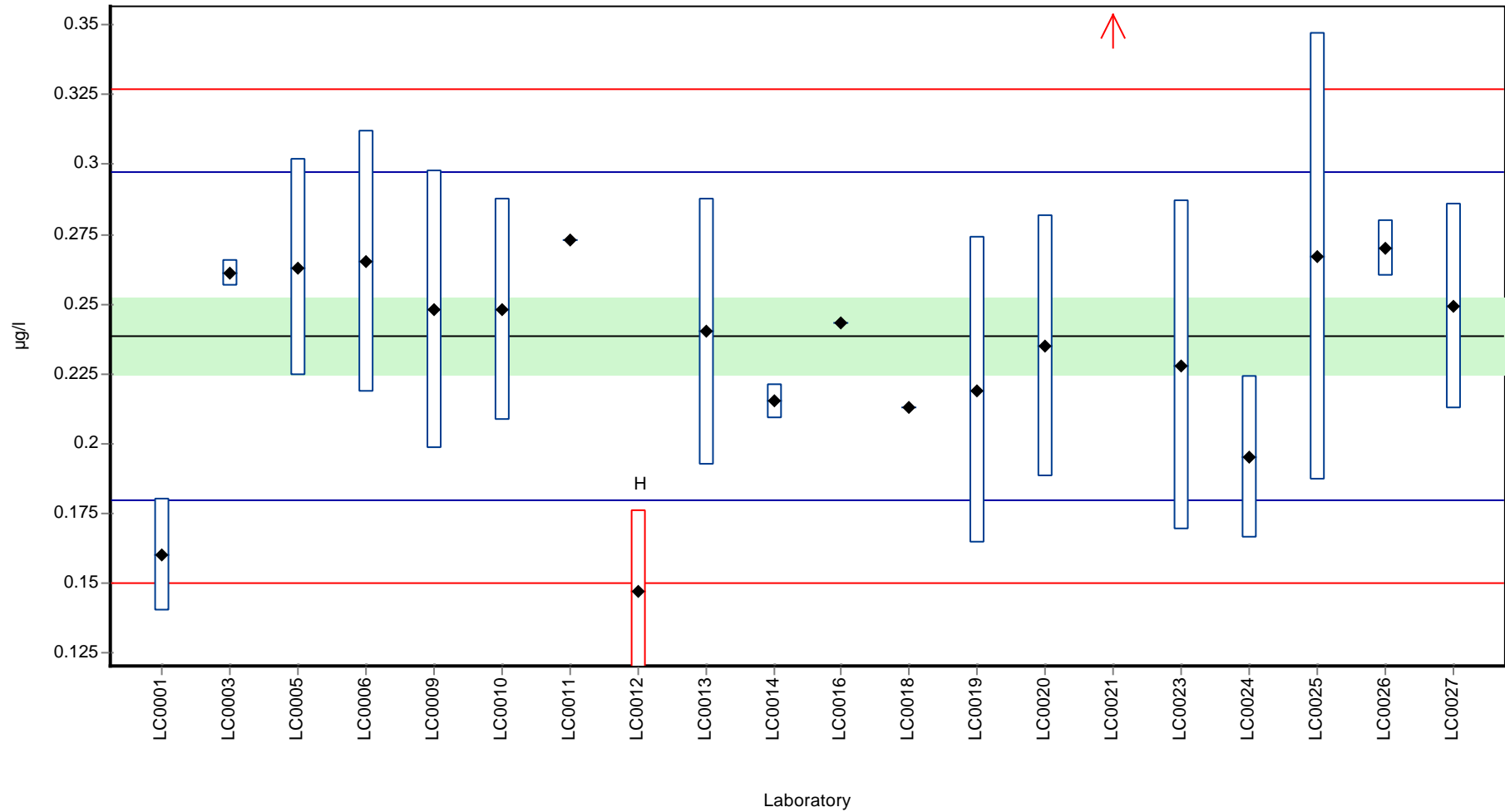
Unit	µg/l
Mean ± CI (99%)	0.238 ± 0.0209
Minimum - Maximum	0.16 - 0.273
Check value ± U	0.23 ± 0.0052

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.160	0.020	67.1	-2.7	
LC0002	-	-	-	-	
LC0003	0.261	0.005	109.5	0.8	
LC0004	-	-	-	-	
LC0005	0.263	0.039	110.3	0.8	
LC0006	0.265	0.047	111.1	0.9	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	0.248	0.050	104.0	0.3	
LC0010	0.248	0.040	104.0	0.3	
LC0011	0.273	-	114.5	1.2	
LC0012	0.147	0.029	61.6	-3.1	H
LC0013	0.240	0.048	100.7	0.1	
LC0014	0.215	0.006	90.2	-0.8	
LC0015	-	-	-	-	
LC0016	0.243	-	101.9	0.2	
LC0017	-	-	-	-	
LC0018	0.213	-	89.3	-0.9	
LC0019	0.219	0.055	91.8	-0.7	
LC0020	0.235	0.047	98.6	-0.1	
LC0021	0.395	-	165.7	5.3	H
LC0022	-	-	-	-	
LC0023	0.228	0.059	95.6	-0.4	
LC0024	0.195	0.0293	81.8	-1.5	
LC0025	0.267	0.080	112.0	1.0	
LC0026	0.270	0.010	113.2	1.1	
LC0027	0.249	0.037	104.4	0.4	

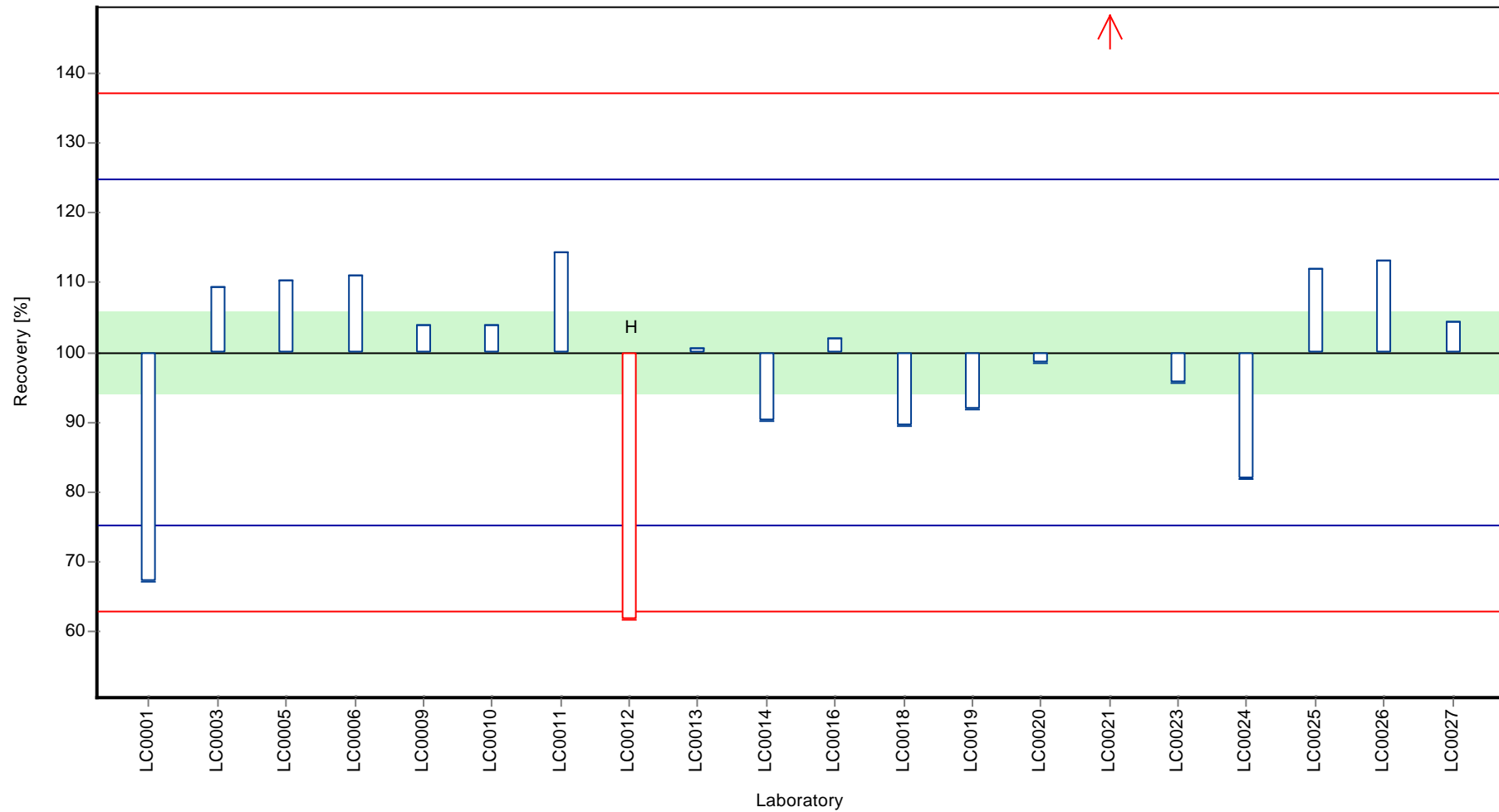
#### Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.242 ± 0.0336	0.238 ± 0.0209	µg/l
Minimum	0.147	0.16	µg/l
Maximum	0.395	0.273	µg/l
Standard deviation	0.05	0.0296	µg/l
rel. Standard deviation	20.7	12.4	%
n	20	18	-

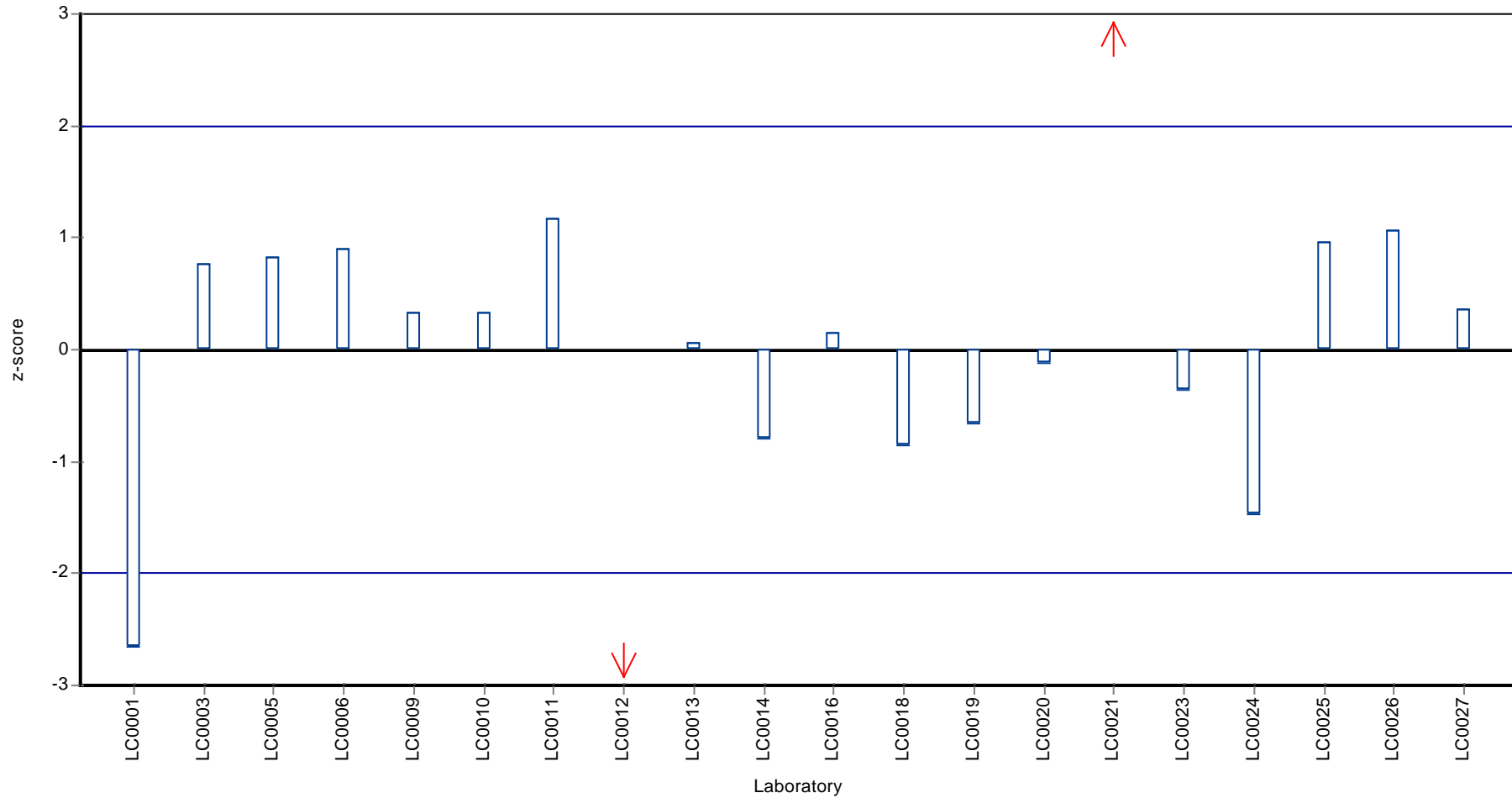
**Graphical presentation of results**  
**Results**



Recovery rate



Z-score





## Parameter oriented report

### H92 B

#### Bentazone

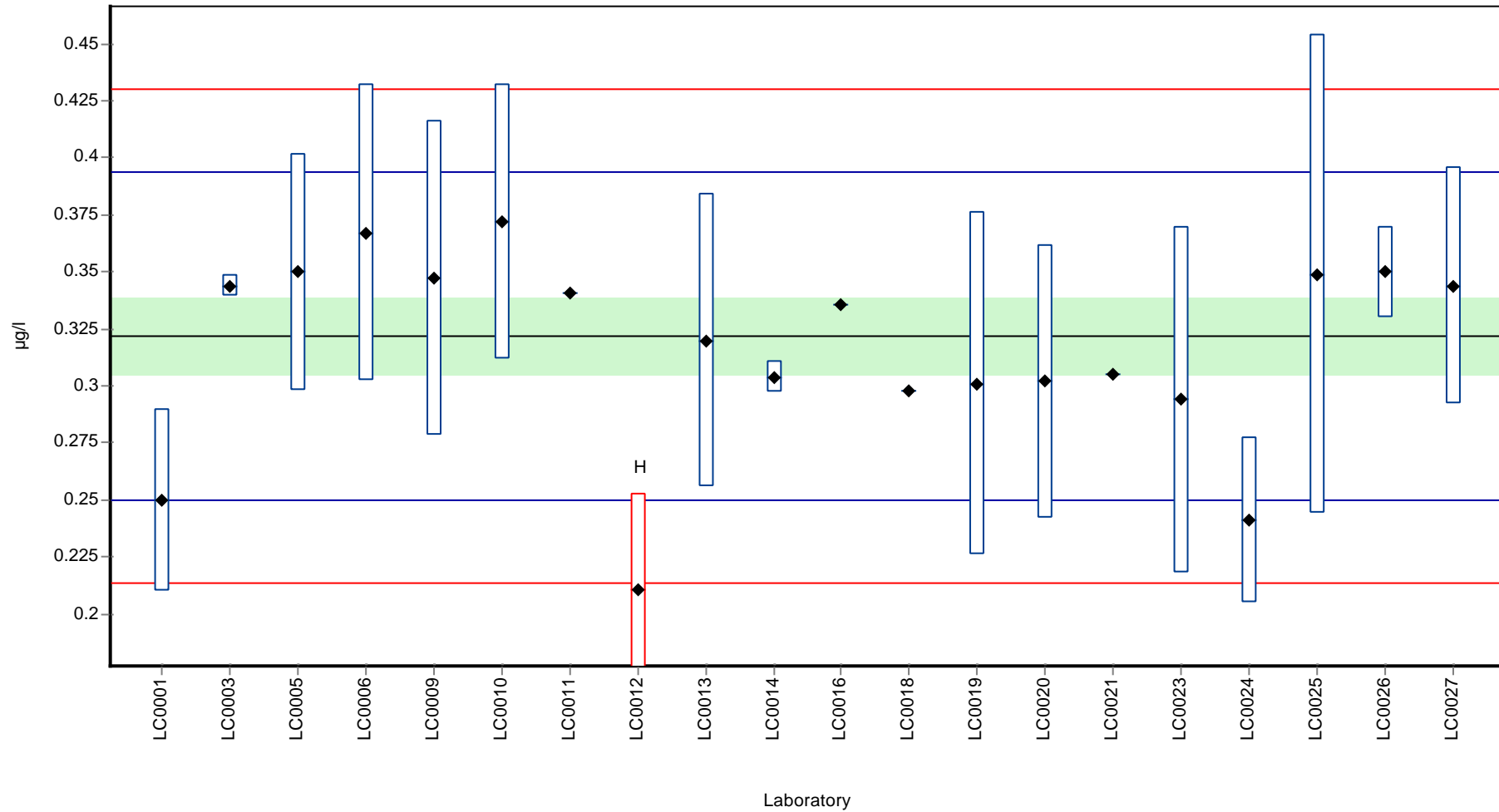
Unit	µg/l
Mean ± CI (99%)	0.322 ± 0.0249
Minimum - Maximum	0.241 - 0.372
Check value ± U	0.32 ± 0.002

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.250	0.040	77.7	-2.0	
LC0002	-	-	-	-	
LC0003	0.344	0.005	106.9	0.6	
LC0004	-	-	-	-	
LC0005	0.350	0.052	108.7	0.8	
LC0006	0.367	0.065	114.0	1.2	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	0.347	0.069	107.8	0.7	
LC0010	0.372	0.060	115.6	1.4	
LC0011	0.341	-	106.0	0.5	
LC0012	0.211	0.042	65.6	-3.1	H
LC0013	0.320	0.064	99.4	-0.1	
LC0014	0.304	0.007	94.5	-0.5	
LC0015	-	-	-	-	
LC0016	0.336	-	104.4	0.4	
LC0017	-	-	-	-	
LC0018	0.298	-	92.6	-0.7	
LC0019	0.301	0.075	93.5	-0.6	
LC0020	0.302	0.060	93.8	-0.5	
LC0021	0.305	-	94.8	-0.5	
LC0022	-	-	-	-	
LC0023	0.294	0.076	91.3	-0.8	
LC0024	0.241	0.0362	74.9	-2.2	
LC0025	0.349	0.105	108.4	0.8	
LC0026	0.350	0.020	108.7	0.8	
LC0027	0.344	0.052	106.9	0.6	

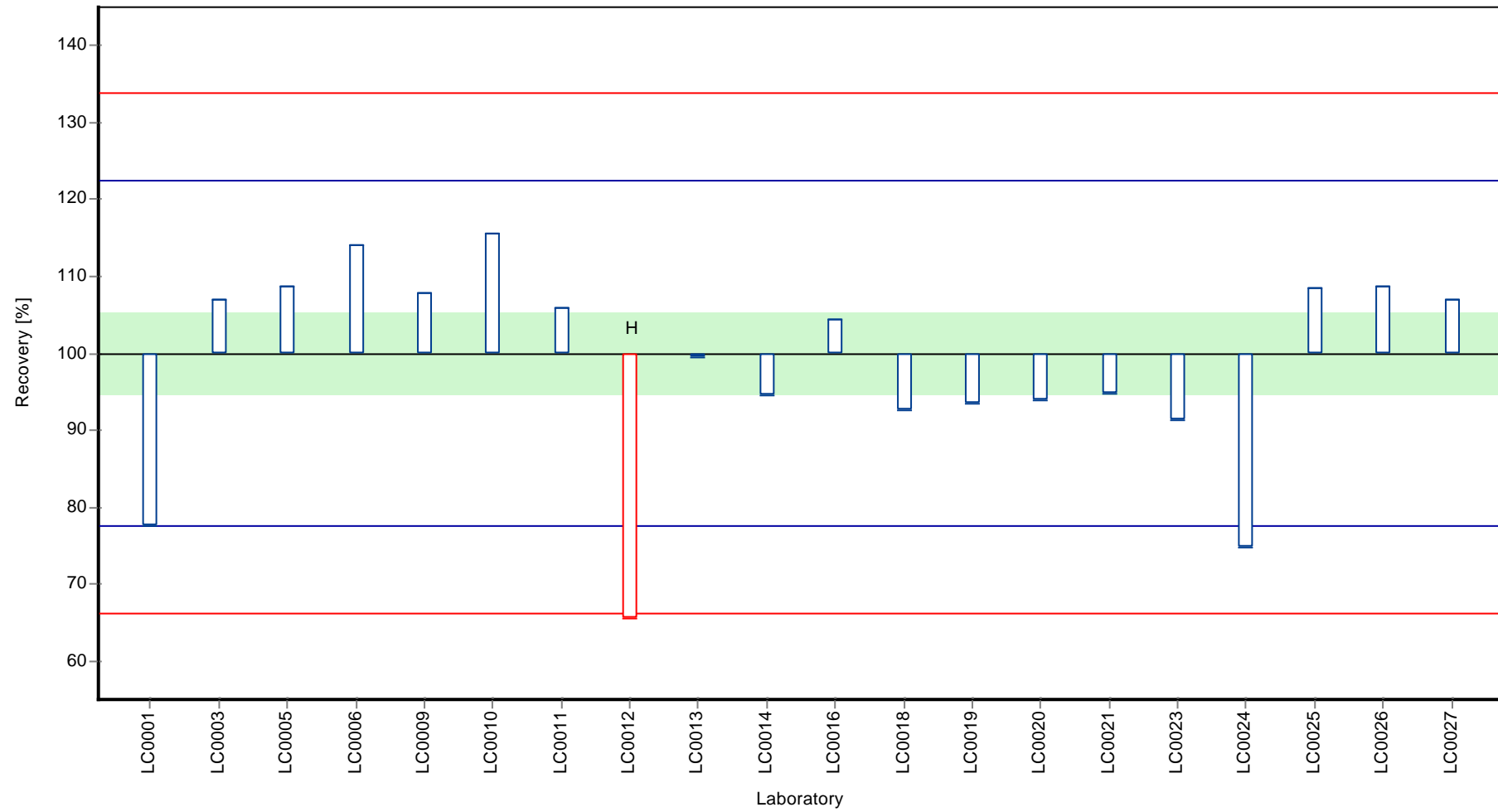
#### Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.316 ± 0.0289	0.322 ± 0.0249	µg/l
Minimum	0.211	0.241	µg/l
Maximum	0.372	0.372	µg/l
Standard deviation	0.043	0.0362	µg/l
rel. Standard deviation	13.6	11.2	%
n	20	19	-

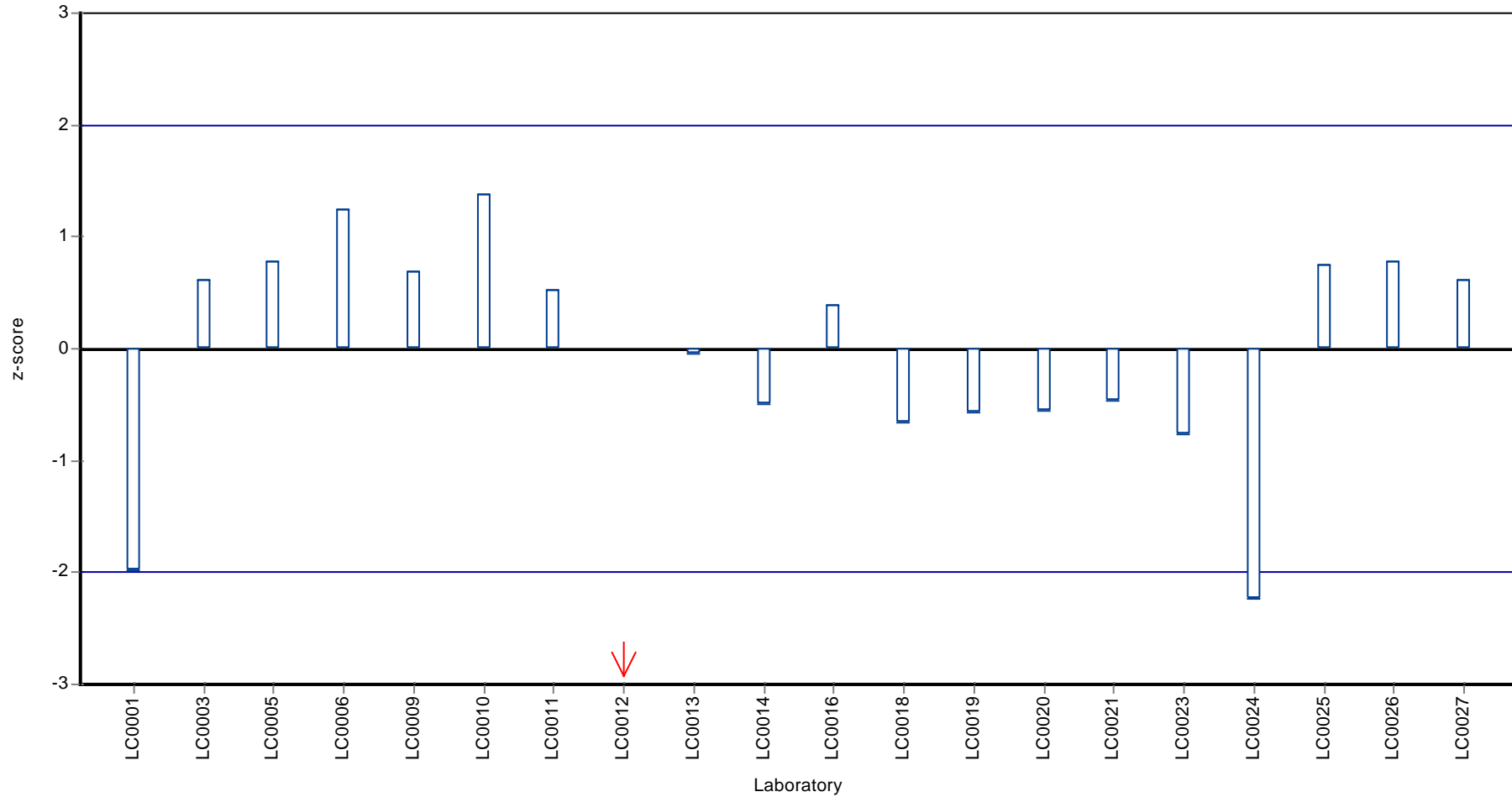
**Graphical presentation of results**  
**Results**



Recovery rate



Z-score



## Parameter oriented report

### H92 A

#### Dicamba

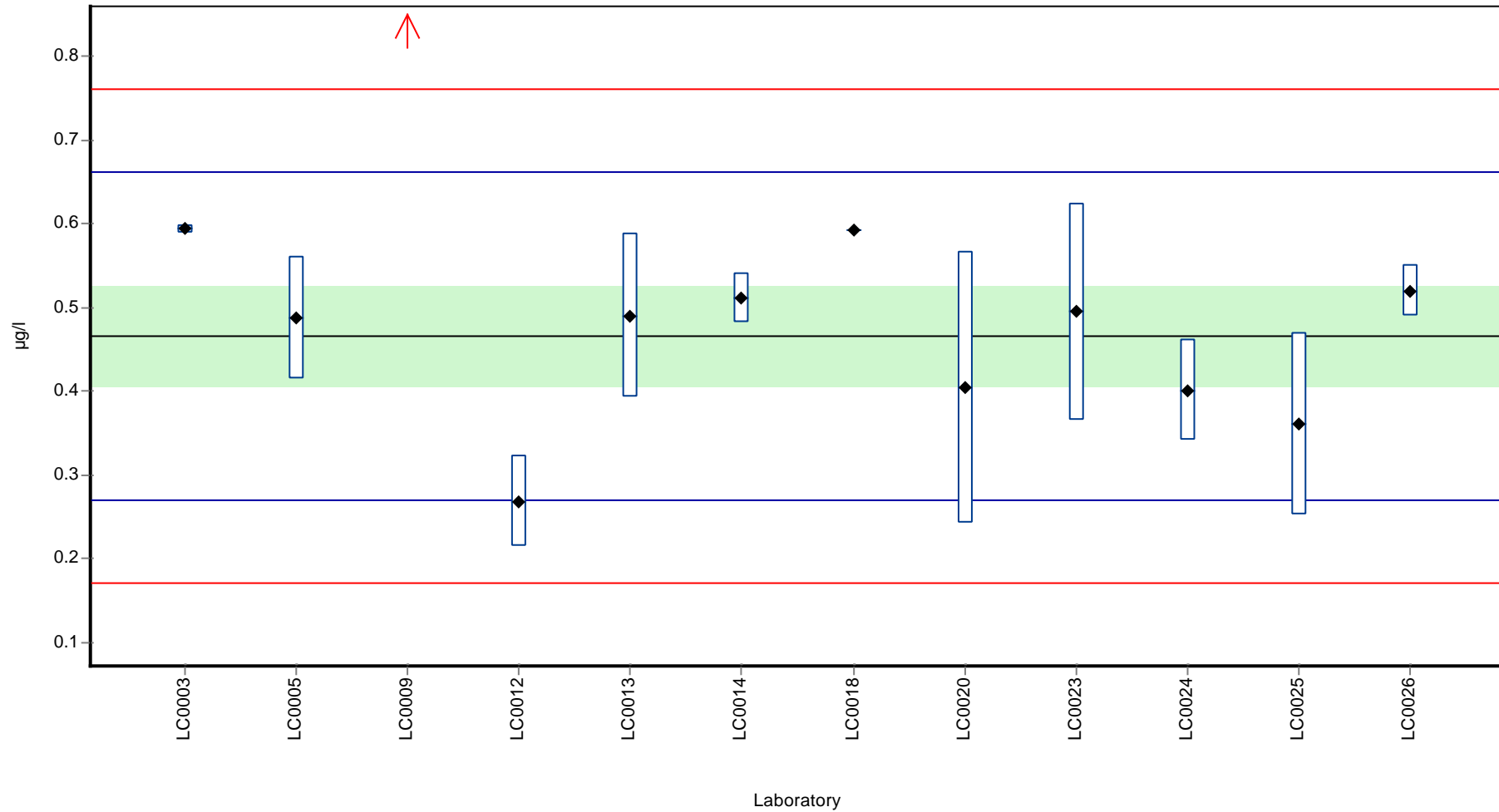
Unit	µg/l
Mean ± CI (99%)	0.466 ± 0.089
Minimum - Maximum	0.269 - 0.594
Check value ± U	0.54 ± 0.022

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.594	0.005	127.5	1.3	
LC0004	-	-	-	-	
LC0005	0.487	0.073	104.5	0.2	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	0.988	0.198	212.1	5.3	H
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.269	0.054	57.7	-2.0	
LC0013	0.490	0.098	105.2	0.2	
LC0014	0.511	0.030	109.7	0.5	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	0.592	-	127.1	1.3	
LC0019	-	-	-	-	
LC0020	0.405	0.162	86.9	-0.6	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	0.495	0.129	106.2	0.3	
LC0024	0.401	0.0602	86.1	-0.7	
LC0025	0.361	0.108	77.5	-1.1	
LC0026	0.520	0.030	111.6	0.5	

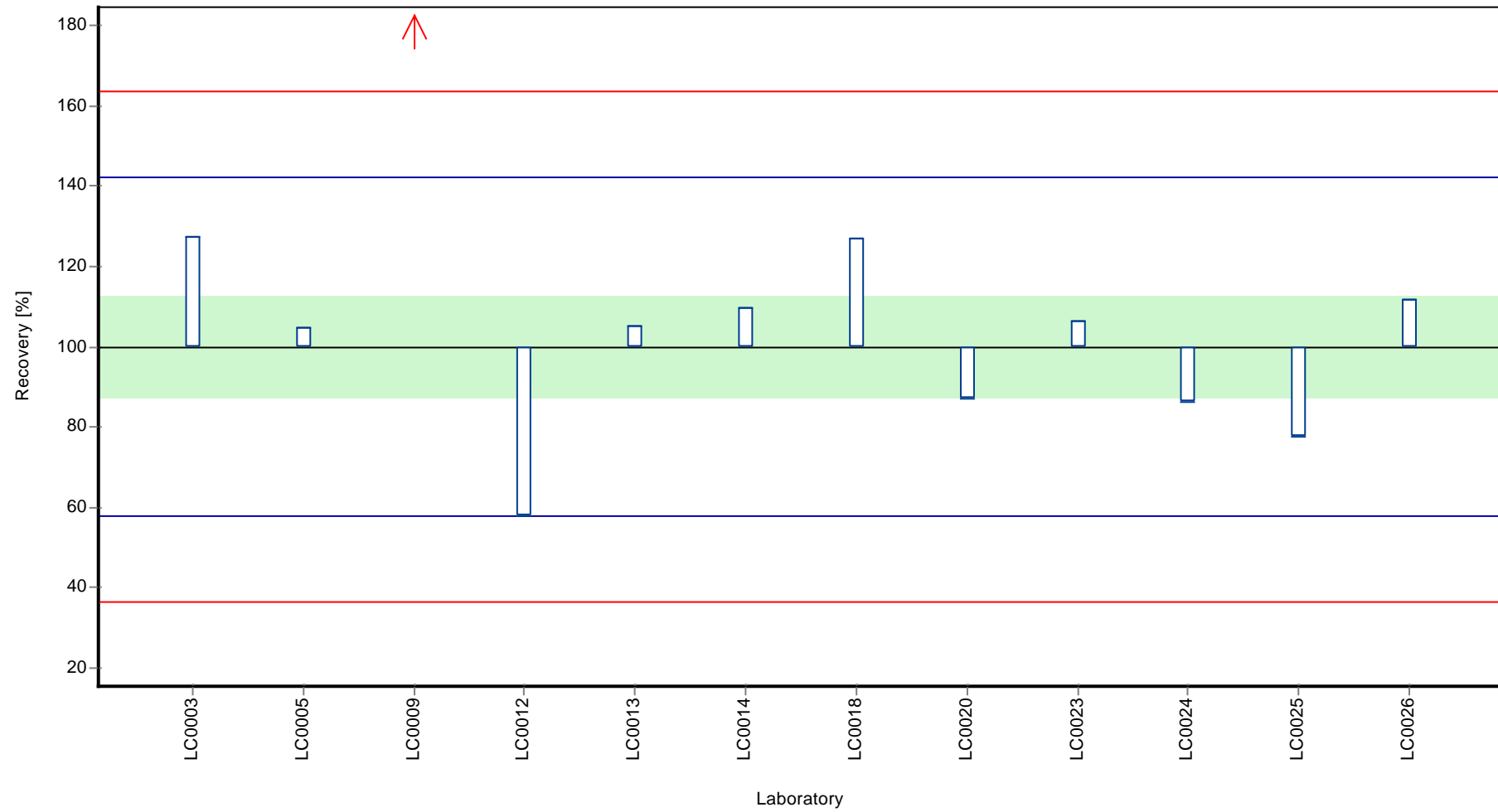
#### Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.509 ± 0.154	0.466 ± 0.089	µg/l
Minimum	0.269	0.269	µg/l
Maximum	0.988	0.594	µg/l
Standard deviation	0.178	0.0984	µg/l
rel. Standard deviation	34.9	21.1	%
n	12	11	-

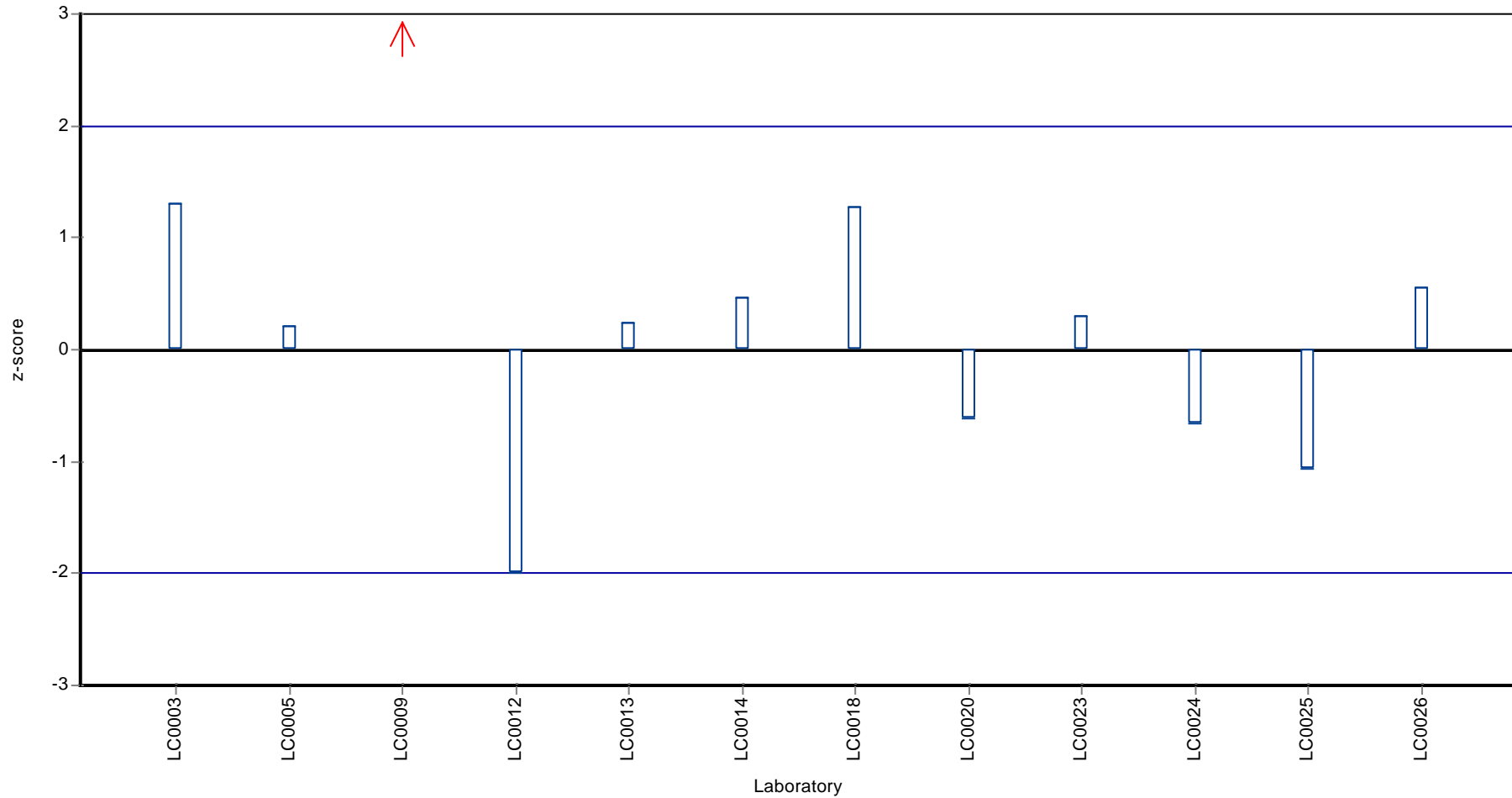
**Graphical presentation of results**  
**Results**



Recovery rate



Z-score





## Parameter oriented report

### H92 B

#### Dicamba

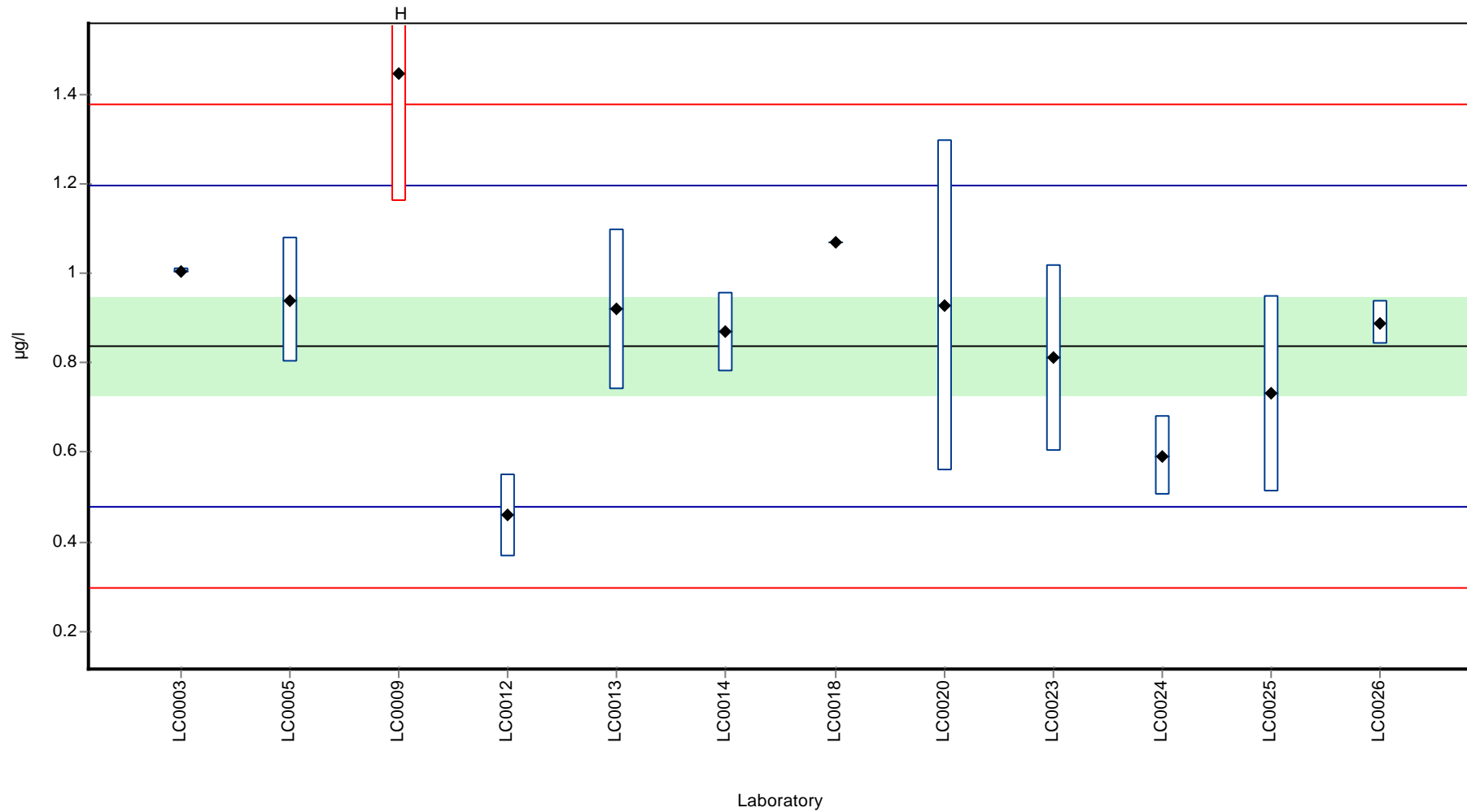
Unit	µg/l
Mean ± CI (99%)	0.838 ± 0.164
Minimum - Maximum	0.459 - 1.069
Check value ± U	1.0 ± 0.023

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	1.006	0.005	120.0	0.9	
LC0004	-	-	-	-	
LC0005	0.941	0.141	112.3	0.6	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	1.450	0.290	173.0	3.4	H
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.459	0.092	54.8	-2.1	
LC0013	0.920	0.180	109.8	0.5	
LC0014	0.869	0.090	103.7	0.2	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	1.069	-	127.6	1.3	
LC0019	-	-	-	-	
LC0020	0.929	0.372	110.9	0.5	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	0.811	0.210	96.8	-0.1	
LC0024	0.592	0.0888	70.6	-1.4	
LC0025	0.732	0.220	87.4	-0.6	
LC0026	0.890	0.050	106.2	0.3	

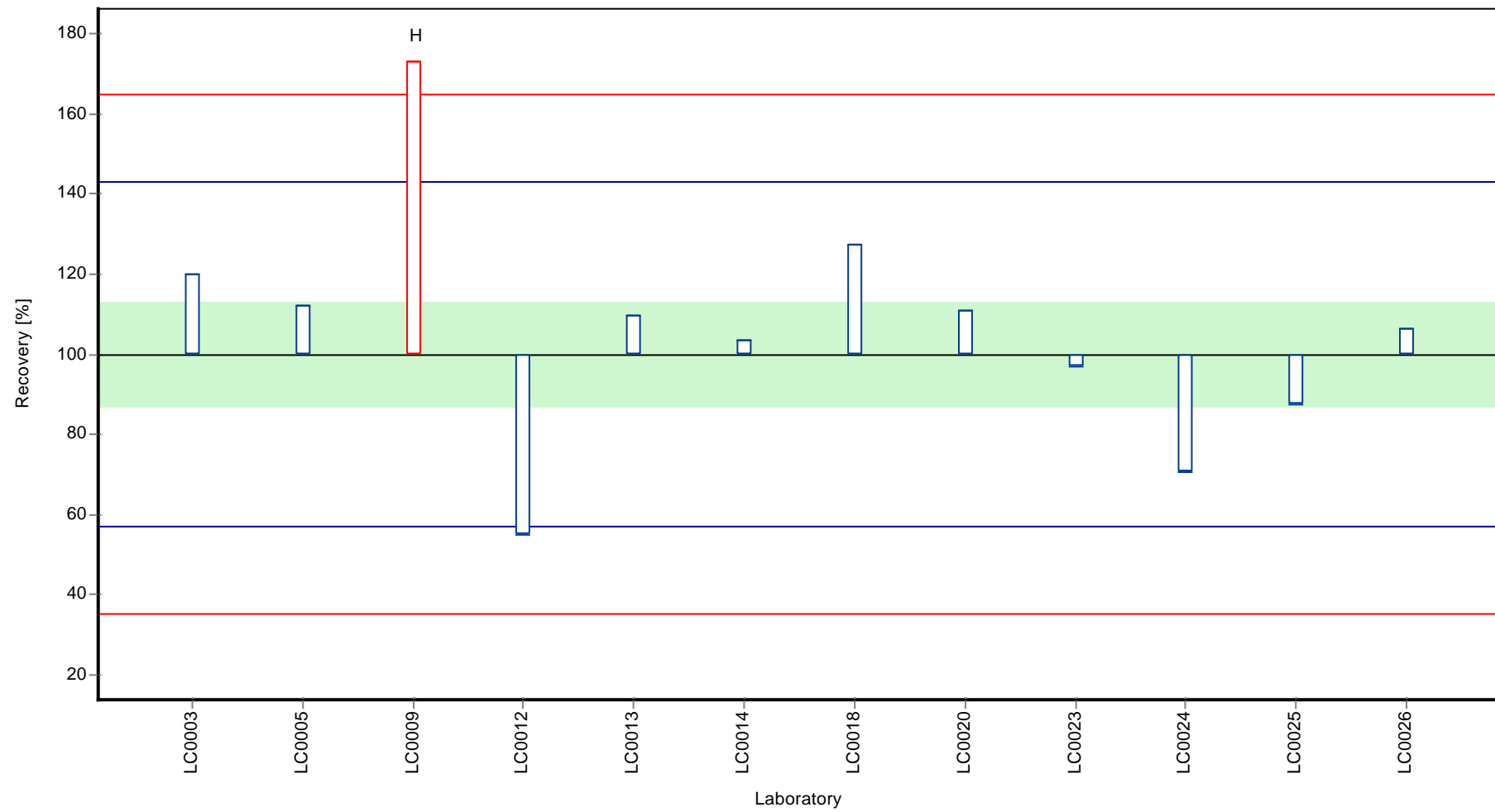
#### Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.889 ± 0.214	0.838 ± 0.164	µg/l
Minimum	0.459	0.459	µg/l
Maximum	1.45	1.07	µg/l
Standard deviation	0.247	0.181	µg/l
rel. Standard deviation	27.8	21.6	%
n	12	11	-

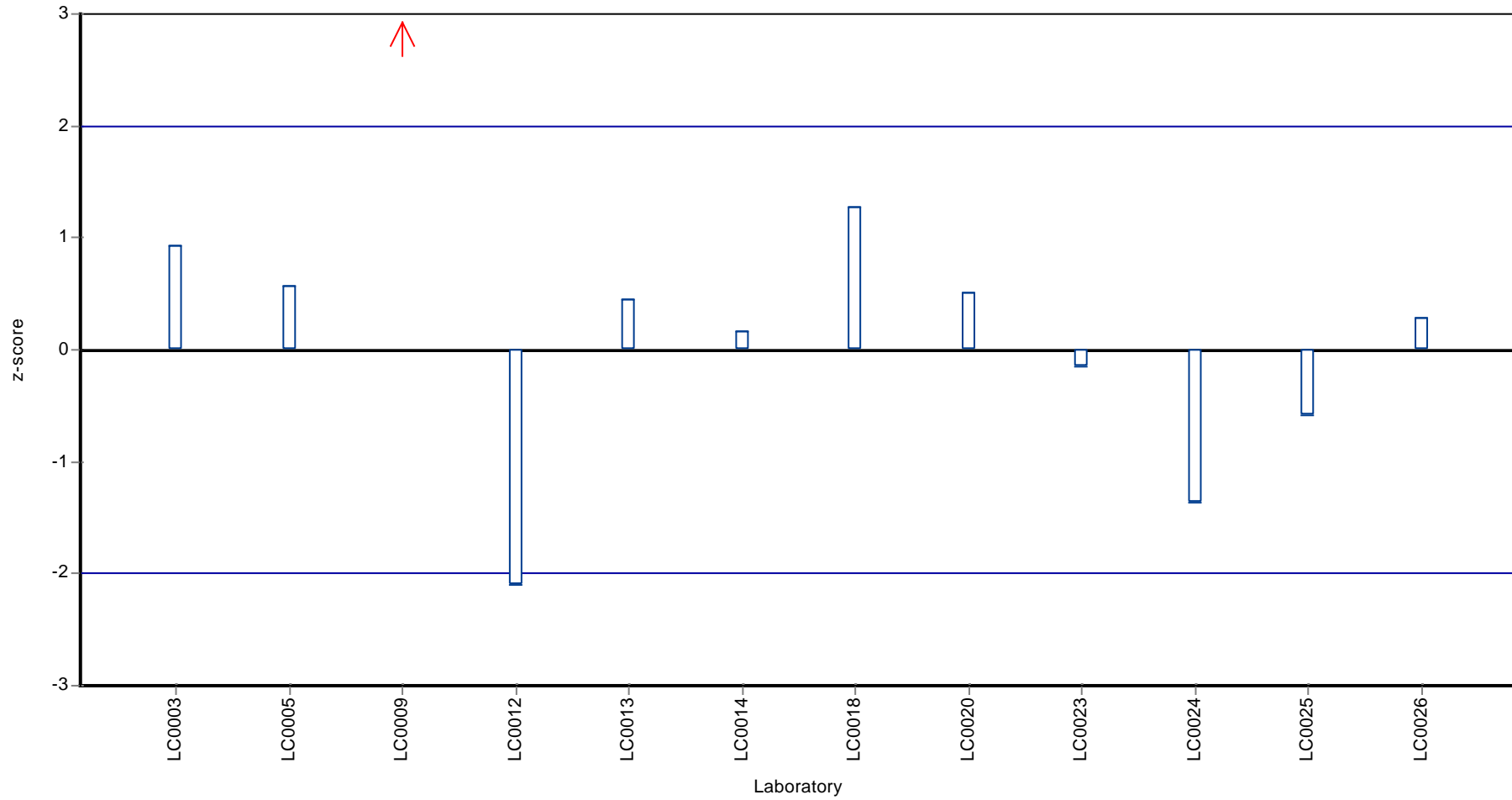
**Graphical presentation of results**  
**Results**



Recovery rate



Z-score



## Parameter oriented report

### H92 A

#### Dichlorprop

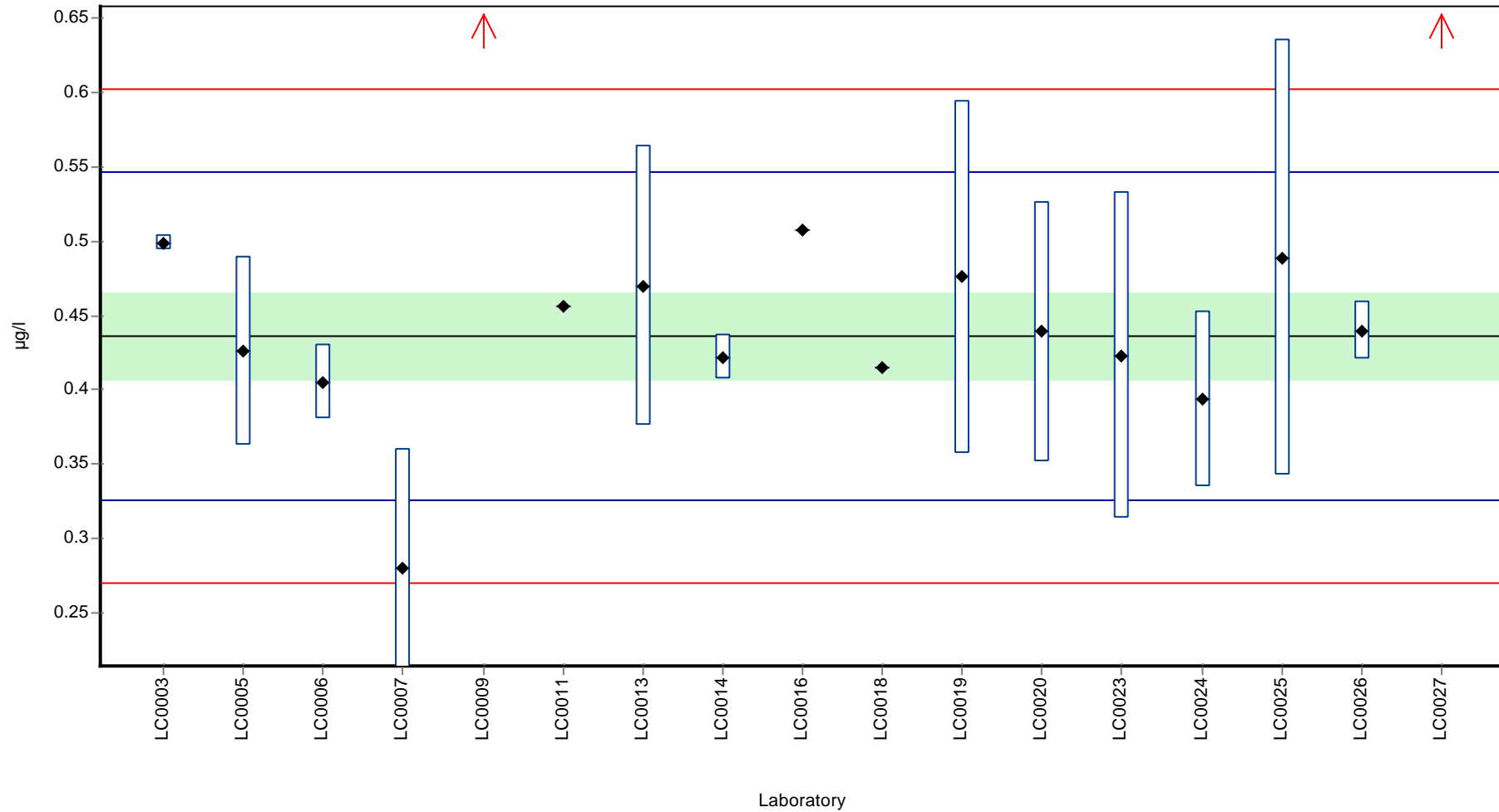
Unit	µg/l
Mean ± CI (99%)	0.436 ± 0.043
Minimum - Maximum	0.28 - 0.508
Check value ± U	0.44 ± 0.0057

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.499	0.005	114.4	1.1	
LC0004	-	-	-	-	
LC0005	0.426	0.064	97.7	-0.2	
LC0006	0.405	0.025	92.9	-0.6	
LC0007	0.280	0.080	64.2	-2.8	
LC0008	-	-	-	-	
LC0009	0.819	0.164	187.8	6.9	H
LC0010	-	-	-	-	
LC0011	0.456	-	104.6	0.4	
LC0012	-	-	-	-	
LC0013	0.470	0.094	107.8	0.6	
LC0014	0.422	0.015	96.8	-0.3	
LC0015	-	-	-	-	
LC0016	0.508	-	116.5	1.3	
LC0017	-	-	-	-	
LC0018	0.415	-	95.2	-0.4	
LC0019	0.476	0.119	109.1	0.7	
LC0020	0.439	0.088	100.7	0.1	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	0.423	0.110	97.0	-0.2	
LC0024	0.394	0.0591	90.3	-0.8	
LC0025	0.489	0.147	112.1	1.0	
LC0026	0.440	0.020	100.9	0.1	
LC0027	0.752	0.113	172.4	5.7	H

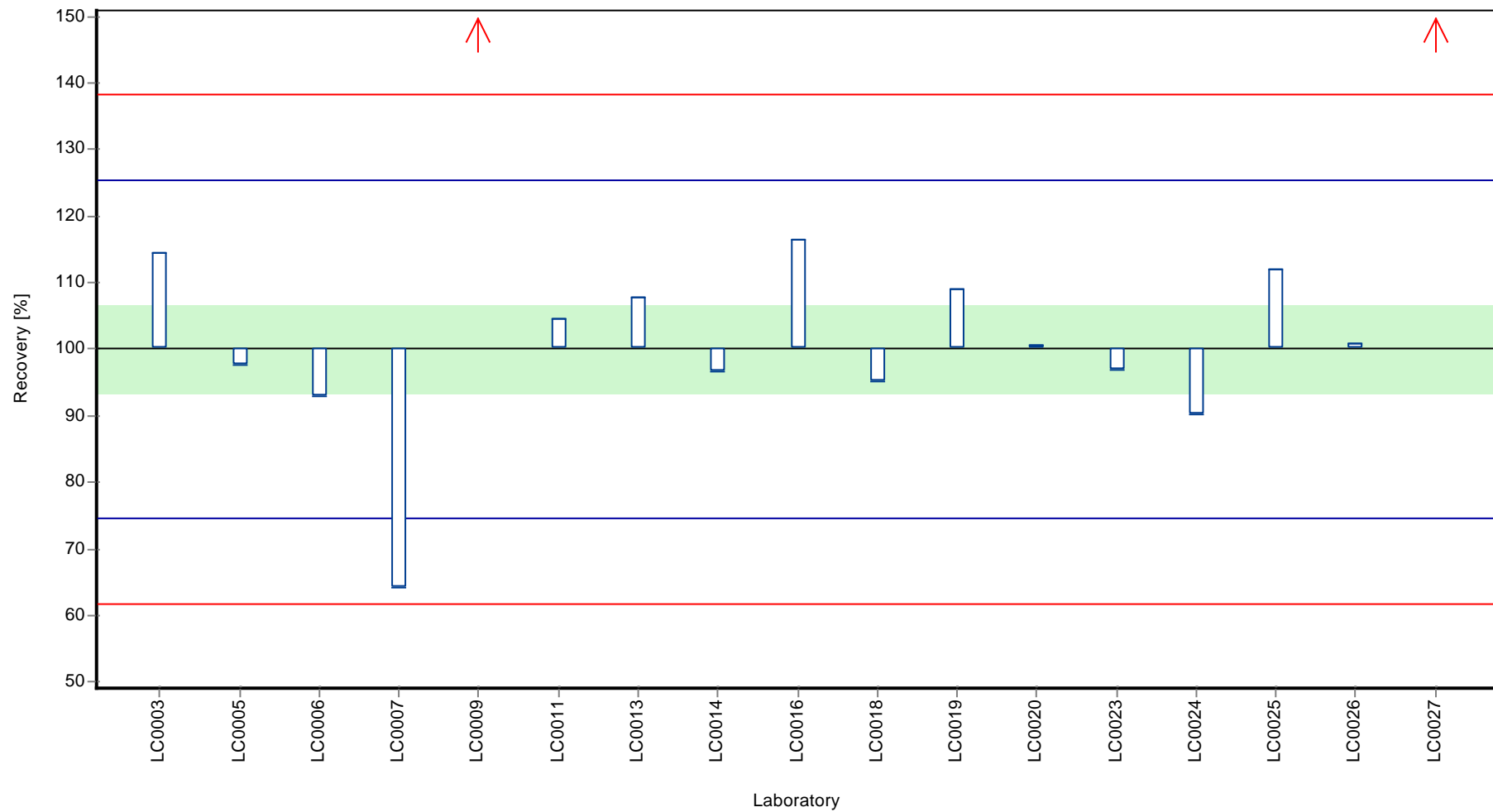
#### Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.477 ± 0.0929	0.436 ± 0.043	µg/l
Minimum	0.28	0.28	µg/l
Maximum	0.819	0.508	µg/l
Standard deviation	0.128	0.0555	µg/l
rel. Standard deviation	26.7	12.7	%
n	17	15	-

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



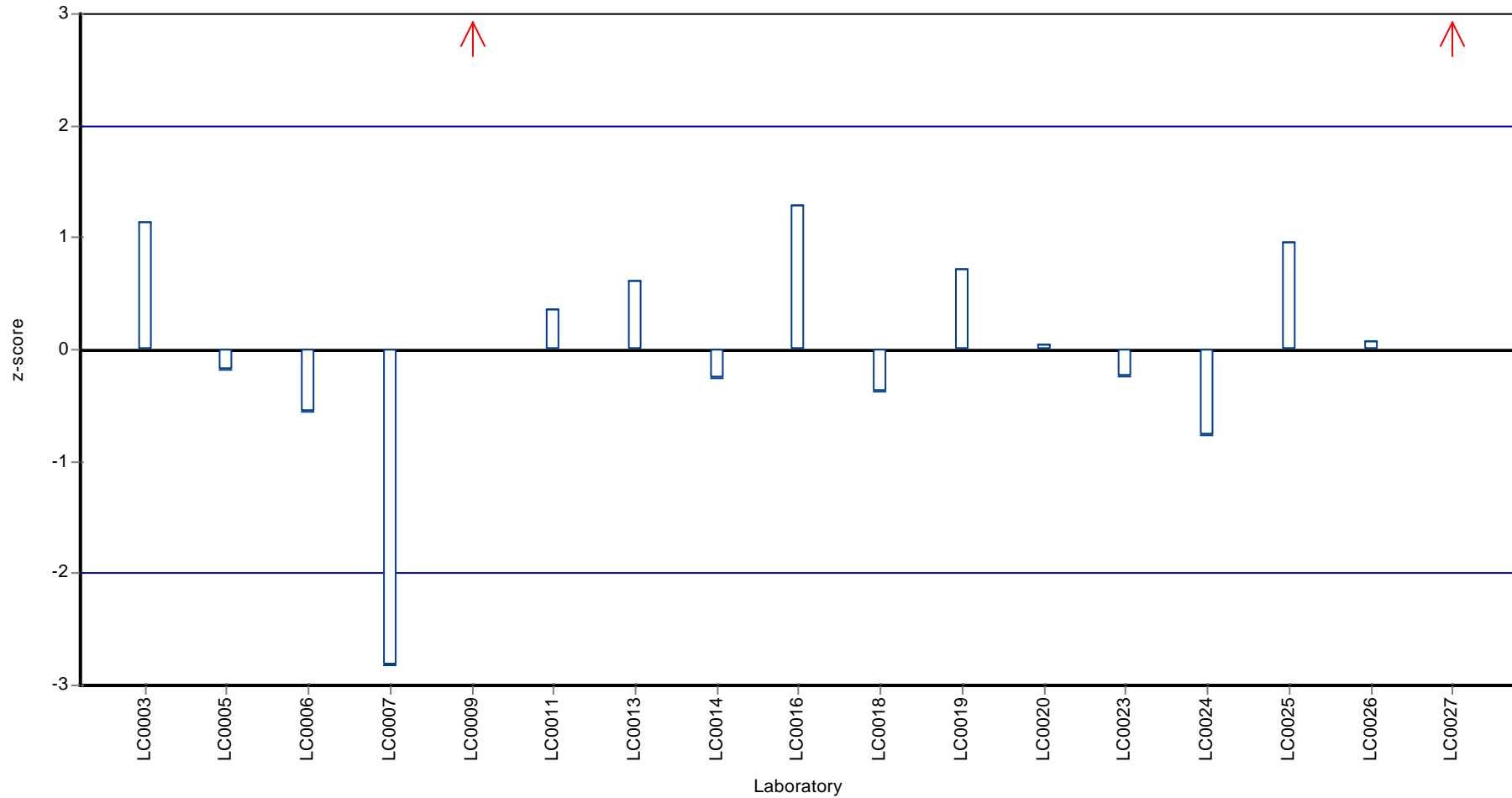
Recovery rate



Parameter oriented report Herbicides - H92

Sample: H92A, Parameter: Dichlorprop

Z-score





## Parameter oriented report

### H92 B

#### Dichlorprop

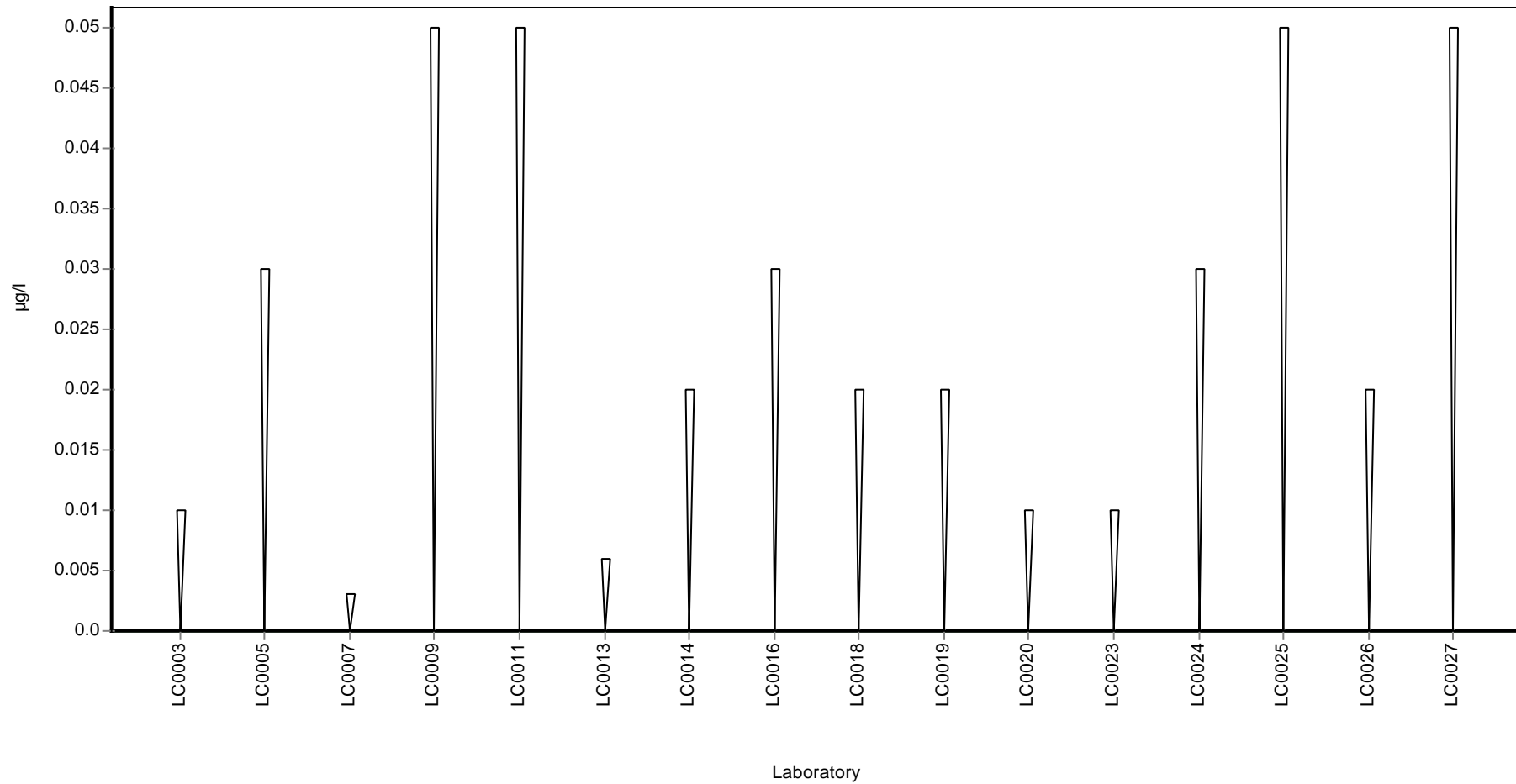
Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Check value ± U	< 0.025 (LOD)

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	< 0.01 (LOQ)	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.03 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	<0.003 (LOD)	-	-	-	
LC0008	-	-	-	-	
LC0009	< 0.05 (LOQ)	-	-	-	
LC0010	-	-	-	-	
LC0011	< 0.05 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	< 0.006 (LOQ)	-	-	-	
LC0014	< 0.02 (LOQ)	-	-	-	
LC0015	-	-	-	-	
LC0016	< 0.03 (LOQ)	-	-	-	
LC0017	-	-	-	-	
LC0018	< 0.02 (LOQ)	-	-	-	
LC0019	< 0.02 (LOQ)	-	-	-	
LC0020	< 0.01 (LOQ)	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	< 0.01 (LOQ)	-	-	-	
LC0024	< 0.03 (LOQ)	-	-	-	
LC0025	< 0.05 (LOQ)	-	-	-	
LC0026	< 0.02 (LOQ)	-	-	-	
LC0027	< 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

### H92 A

#### Mecoprop

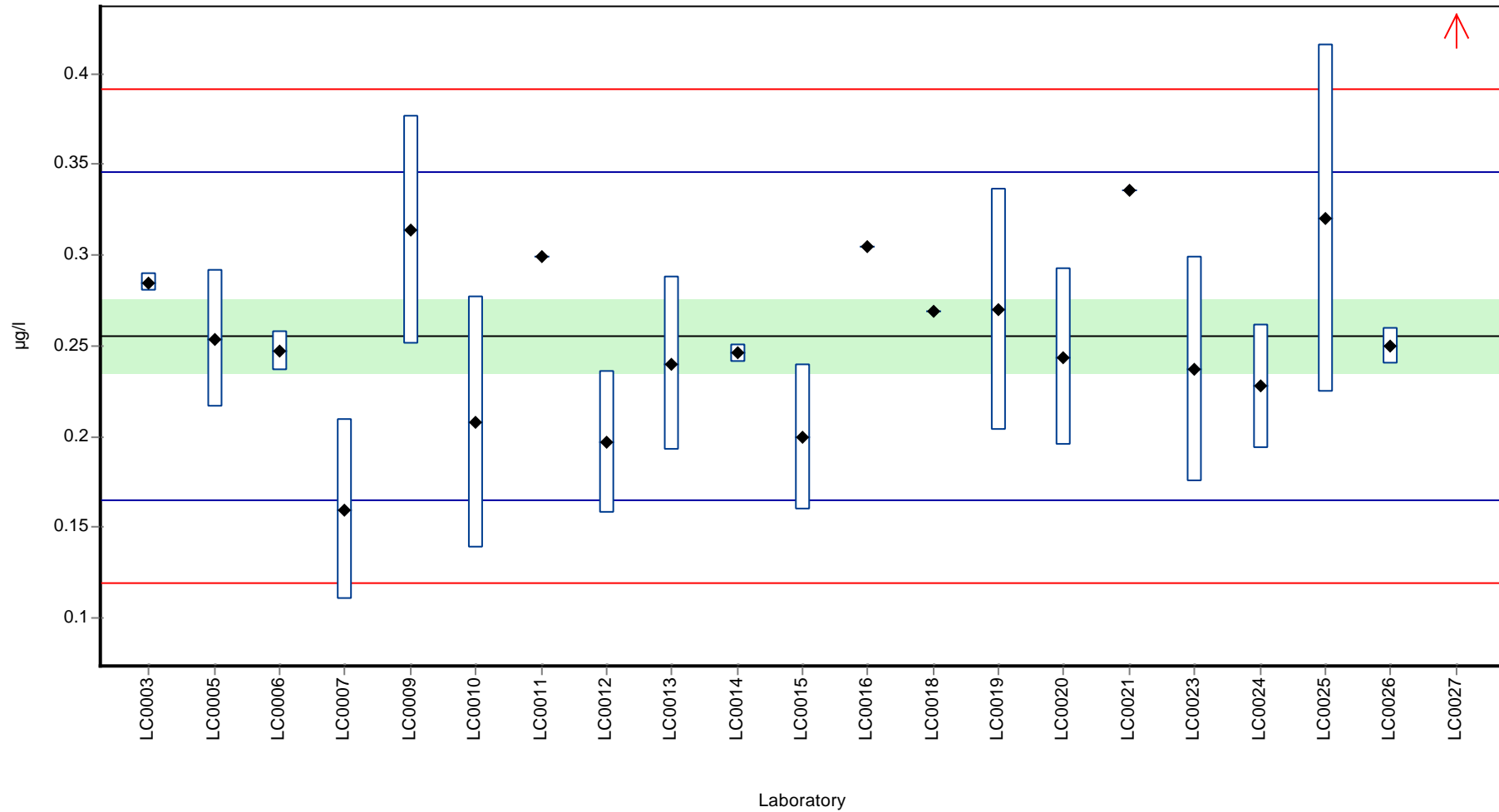
Unit	µg/l
Mean ± CI (99%)	0.255 ± 0.0305
Minimum - Maximum	0.16 - 0.336
Check value ± U	0.26 ± 0.0058

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.285	0.005	111.6	0.7	
LC0004	-	-	-	-	
LC0005	0.254	0.038	99.4	0.0	
LC0006	0.247	0.011	96.7	-0.2	
LC0007	0.160	0.050	62.6	-2.1	
LC0008	-	-	-	-	
LC0009	0.314	0.063	122.9	1.3	
LC0010	0.208	0.069	81.4	-1.0	
LC0011	0.299	-	117.0	1.0	
LC0012	0.197	0.039	77.1	-1.3	
LC0013	0.240	0.048	94.0	-0.3	
LC0014	0.246	0.005	96.3	-0.2	
LC0015	0.200	0.040	78.3	-1.2	
LC0016	0.305	-	119.4	1.1	
LC0017	-	-	-	-	
LC0018	0.269	-	105.3	0.3	
LC0019	0.270	0.067	105.7	0.3	
LC0020	0.244	0.049	95.5	-0.3	
LC0021	0.336	-	131.5	1.8	
LC0022	-	-	-	-	
LC0023	0.237	0.062	92.8	-0.4	
LC0024	0.228	0.0342	89.3	-0.6	
LC0025	0.320	0.096	125.3	1.4	
LC0026	0.250	0.010	97.9	-0.1	
LC0027	0.792	0.119	310.0	11.8	H

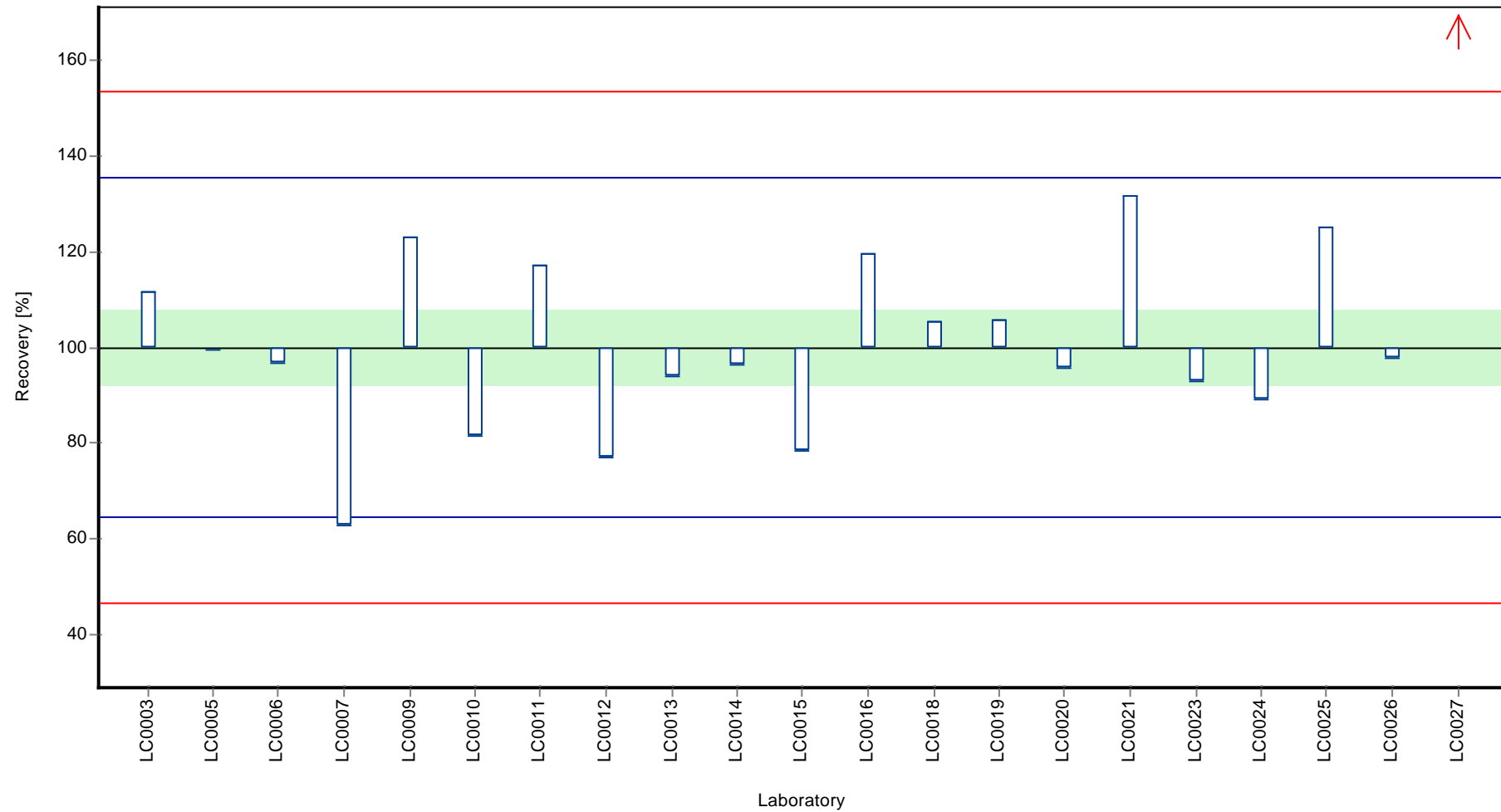
#### Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.281 ± 0.0819	0.255 ± 0.0305	µg/l
Minimum	0.16	0.16	µg/l
Maximum	0.792	0.336	µg/l
Standard deviation	0.125	0.0454	µg/l
rel. Standard deviation	44.5	17.8	%
n	21	20	-

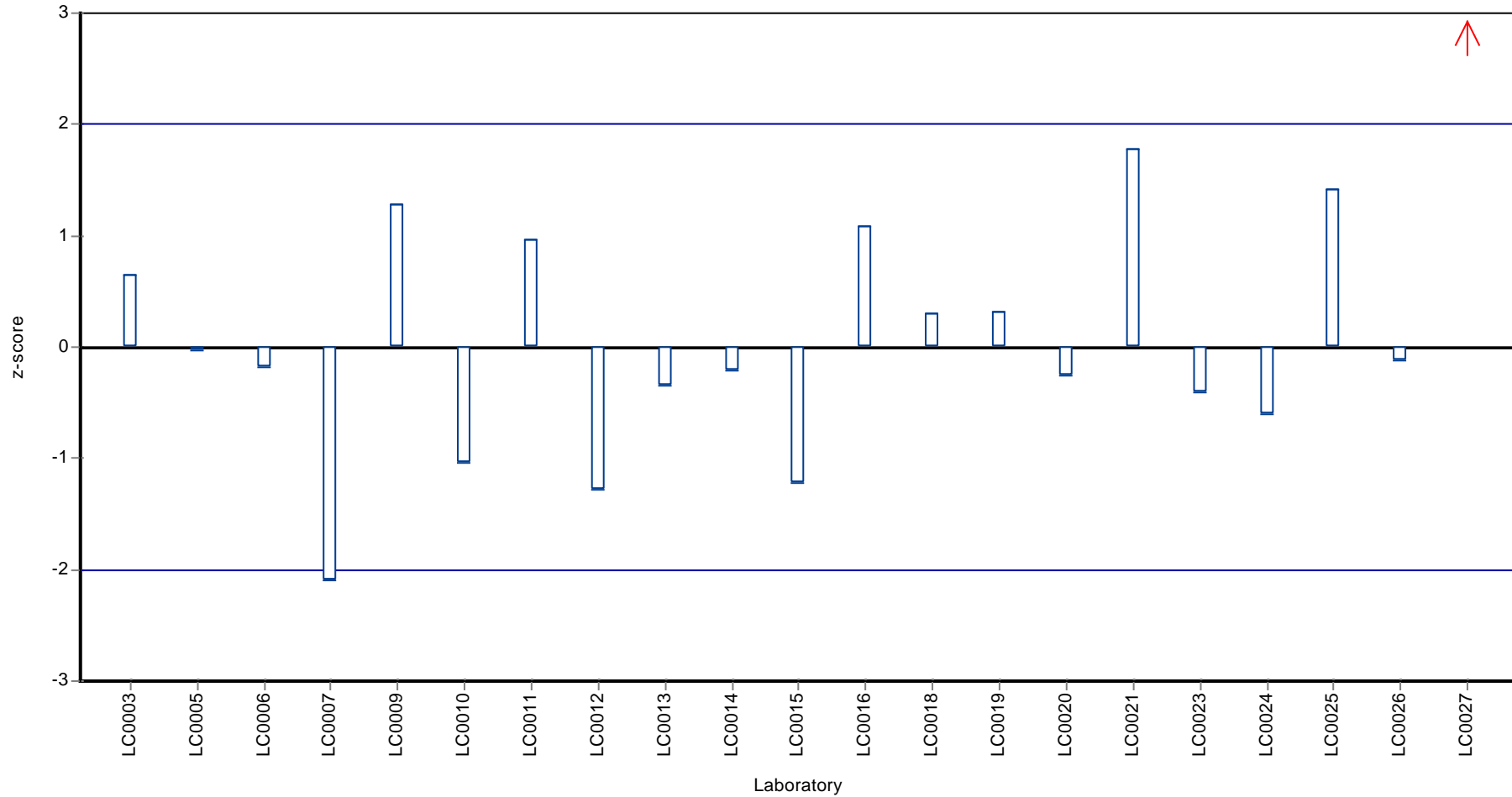
**Graphical presentation of results**  
**Results**



Recovery rate



Z-score



## Parameter oriented report

### H92 B

#### Mecoprop

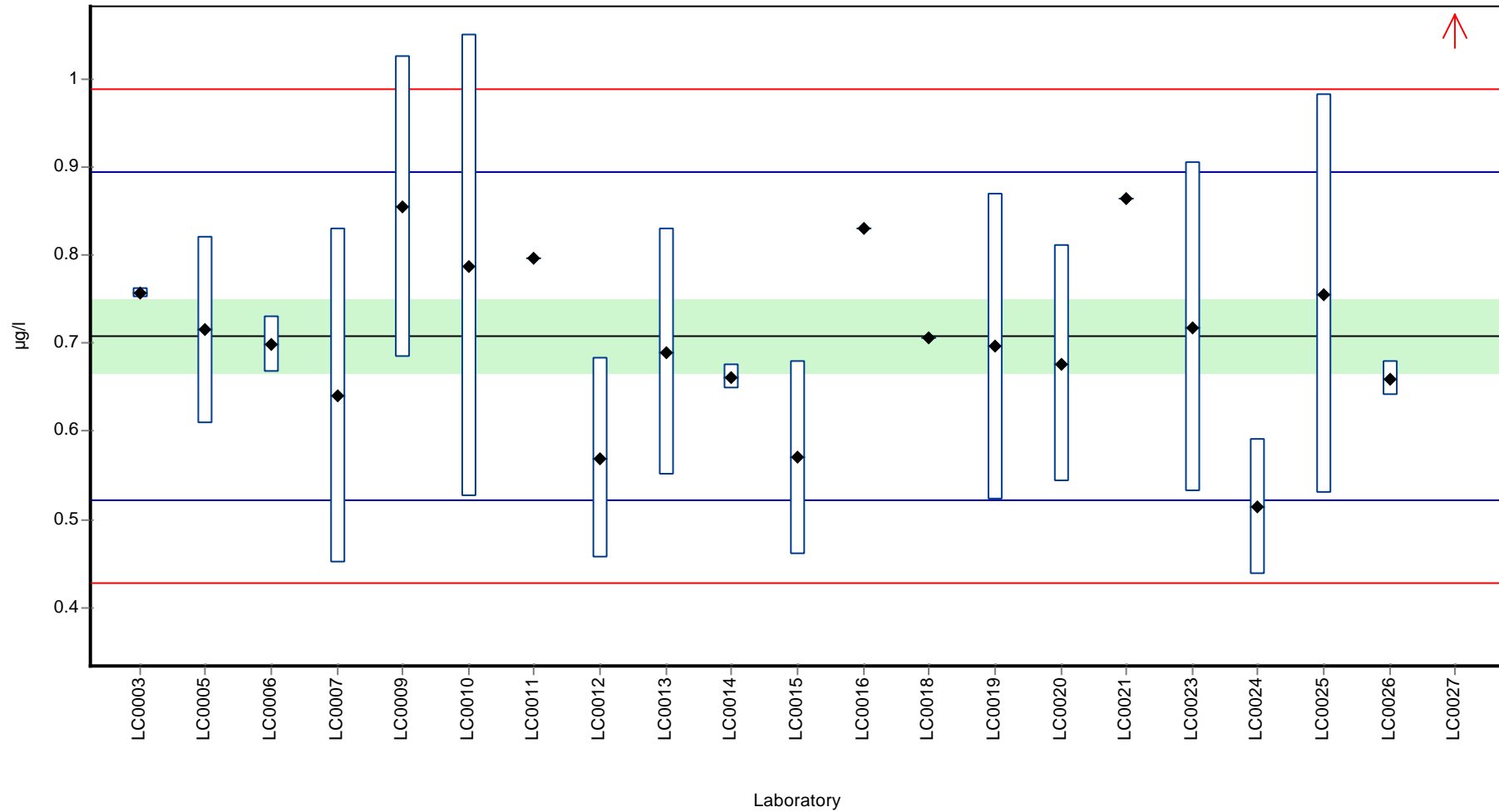
Unit	µg/l
Mean ± CI (99%)	0.708 ± 0.0628
Minimum - Maximum	0.514 - 0.865
Check value ± U	0.75 ± 0.0068

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.757	0.005	106.9	0.5	
LC0004	-	-	-	-	
LC0005	0.715	0.107	101.0	0.1	
LC0006	0.699	0.032	98.7	-0.1	
LC0007	0.640	0.190	90.4	-0.7	
LC0008	-	-	-	-	
LC0009	0.855	0.171	120.7	1.6	
LC0010	0.788	0.263	111.3	0.9	
LC0011	0.796	-	112.4	0.9	
LC0012	0.569	0.114	80.4	-1.5	
LC0013	0.690	0.140	97.4	-0.2	
LC0014	0.662	0.015	93.5	-0.5	
LC0015	0.570	0.110	80.5	-1.5	
LC0016	0.830	-	117.2	1.3	
LC0017	-	-	-	-	
LC0018	0.706	-	99.7	0.0	
LC0019	0.696	0.174	98.3	-0.1	
LC0020	0.677	0.135	95.6	-0.3	
LC0021	0.865	-	122.1	1.7	
LC0022	-	-	-	-	
LC0023	0.718	0.187	101.4	0.1	
LC0024	0.514	0.0771	72.6	-2.1	
LC0025	0.756	0.227	106.8	0.5	
LC0026	0.660	0.020	93.2	-0.5	
LC0027	2.047	0.307	289.1	14.3	H

#### Characteristics of parameter

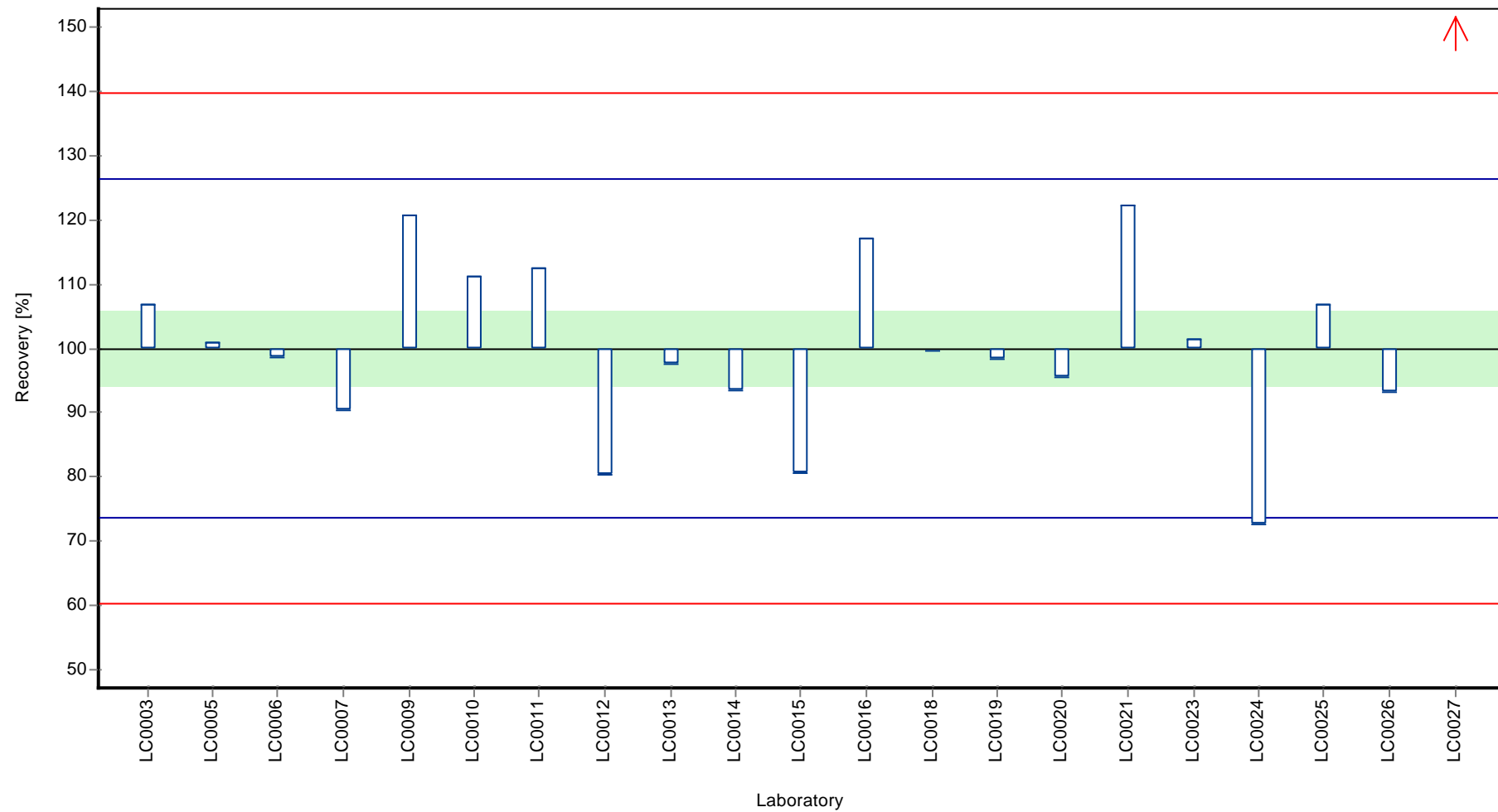
	all results	without outliers	Unit
Mean ± CI (99%)	0.772 ± 0.2	0.708 ± 0.0628	µg/l
Minimum	0.514	0.514	µg/l
Maximum	2.05	0.865	µg/l
Standard deviation	0.306	0.0937	µg/l
rel. Standard deviation	39.7	13.2	%
n	21	20	-

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

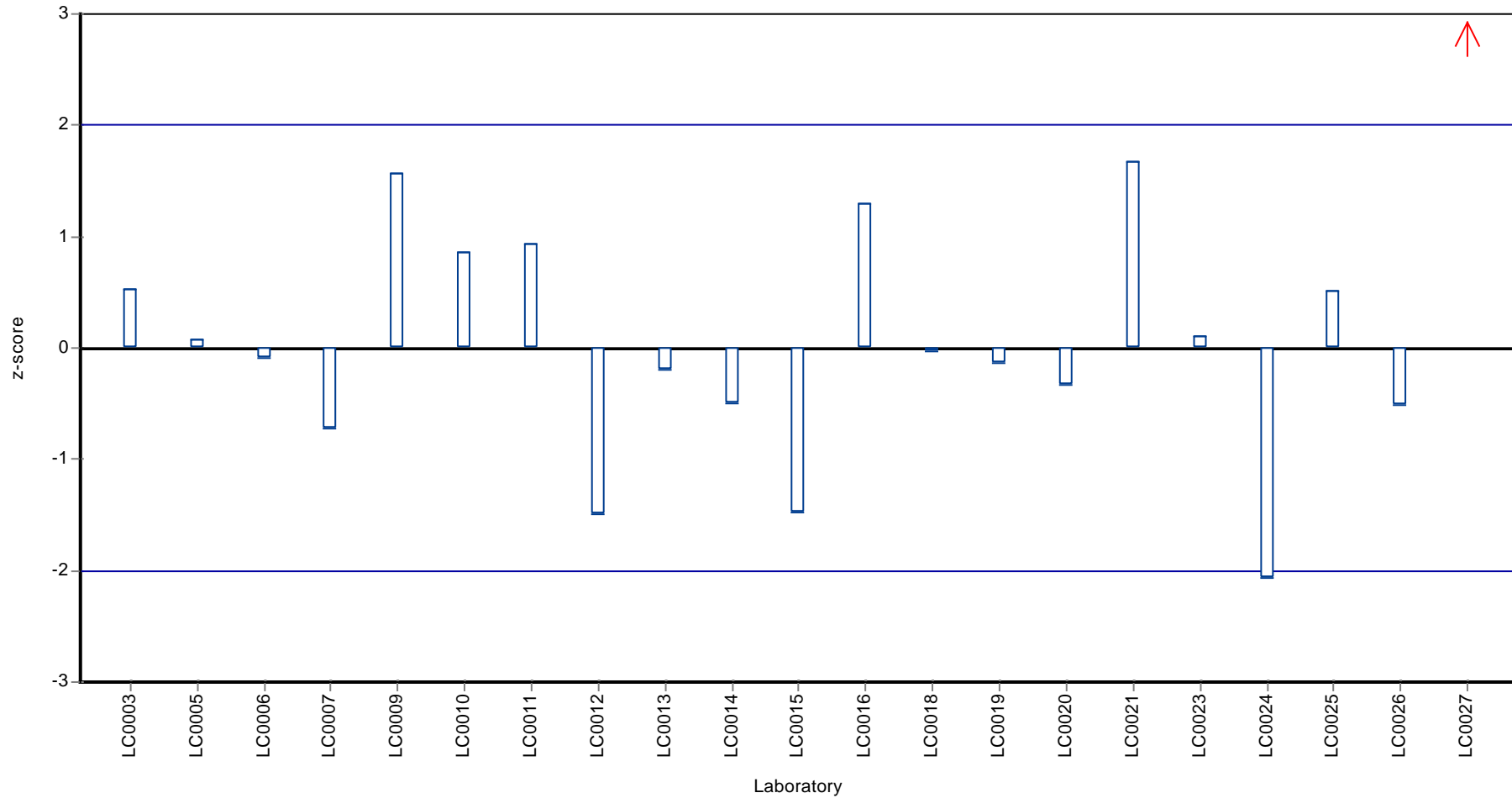




Recovery rate



Z-score



## Parameter oriented report

### H92 A

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

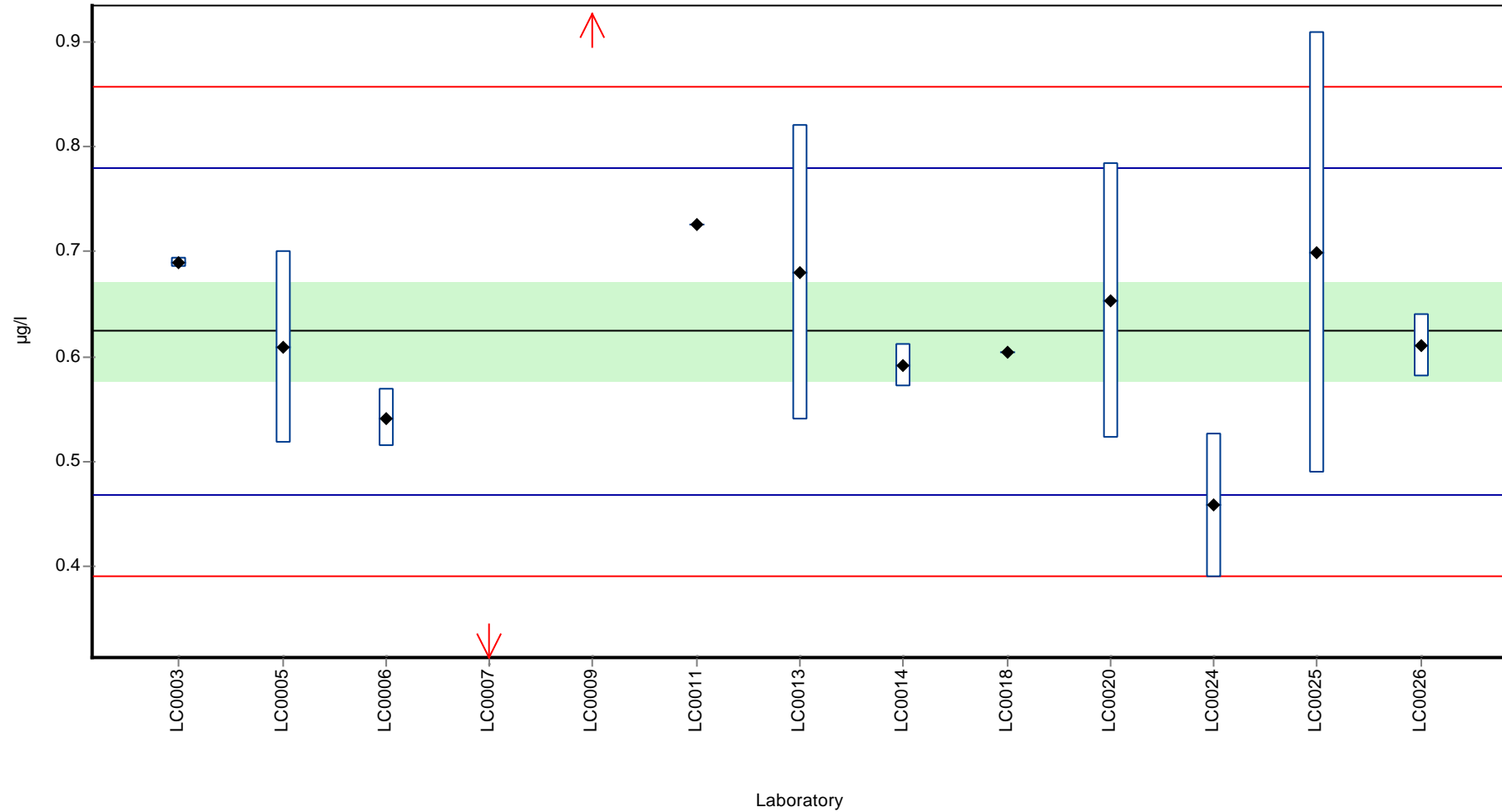
Unit	µg/l
Mean ± CI (99%)	0.624 ± 0.0702
Minimum - Maximum	0.459 - 0.726
Check value ± U	0.63 ± 0.006

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.690	0.005	110.5	0.8	
LC0004	-	-	-	-	
LC0005	0.609	0.091	97.6	-0.2	
LC0006	0.542	0.027	86.8	-1.1	
LC0007	<0.003 (LOD)	-	-	-	FN
LC0008	-	-	-	-	
LC0009	1.010	0.200	161.8	5.0	H
LC0010	-	-	-	-	
LC0011	0.726	-	116.3	1.3	
LC0012	-	-	-	-	
LC0013	0.680	0.140	108.9	0.7	
LC0014	0.592	0.020	94.8	-0.4	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	0.605	-	96.9	-0.2	
LC0019	-	-	-	-	
LC0020	0.654	0.131	104.8	0.4	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	0.459	0.0688	73.5	-2.1	
LC0025	0.699	0.210	112.0	1.0	
LC0026	0.610	0.030	97.7	-0.2	

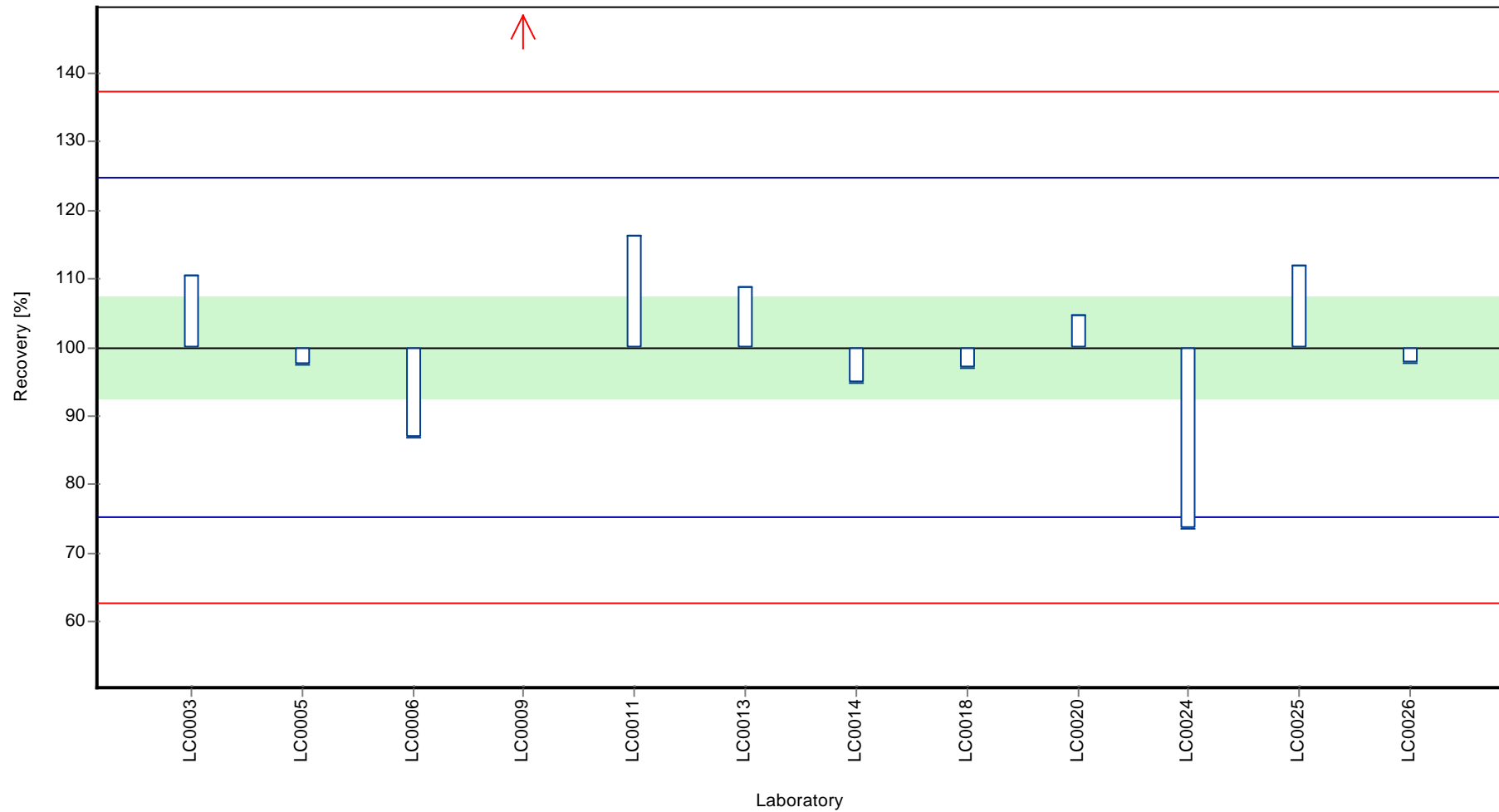
#### Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.656 ± 0.116	0.624 ± 0.0702	µg/l
Minimum	0.459	0.459	µg/l
Maximum	1.01	0.726	µg/l
Standard deviation	0.134	0.0776	µg/l
rel. Standard deviation	20.4	12.4	%
n	12	11	-

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



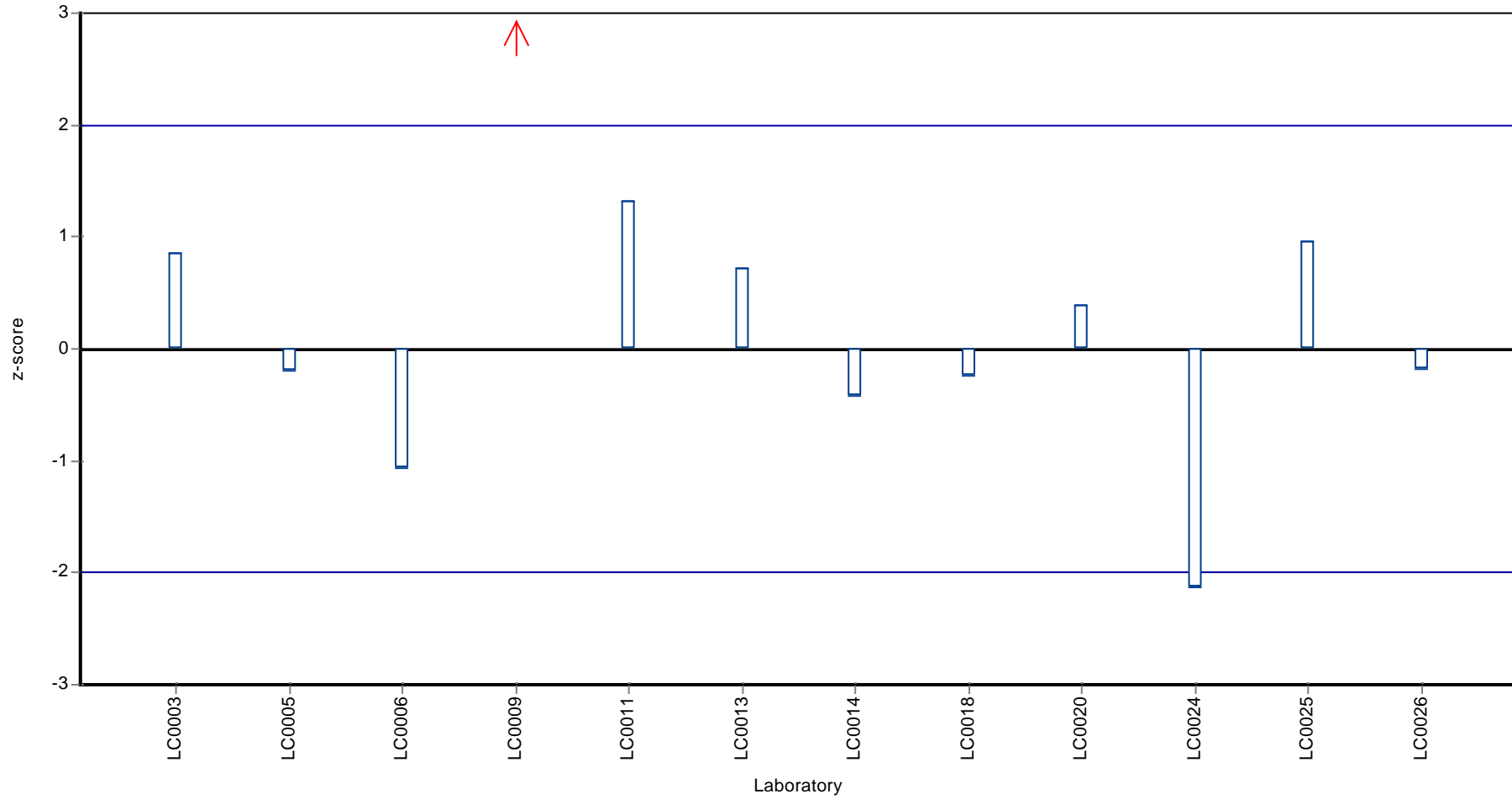
Recovery rate



Parameter oriented report Herbicides - H92

Sample: H92A, Parameter: 2,4,5-Trichlorophenoxyacetic acid

Z-score



## Parameter oriented report

### H92 B

#### 2,4,5-Trichlorphenoxyessigsäure

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

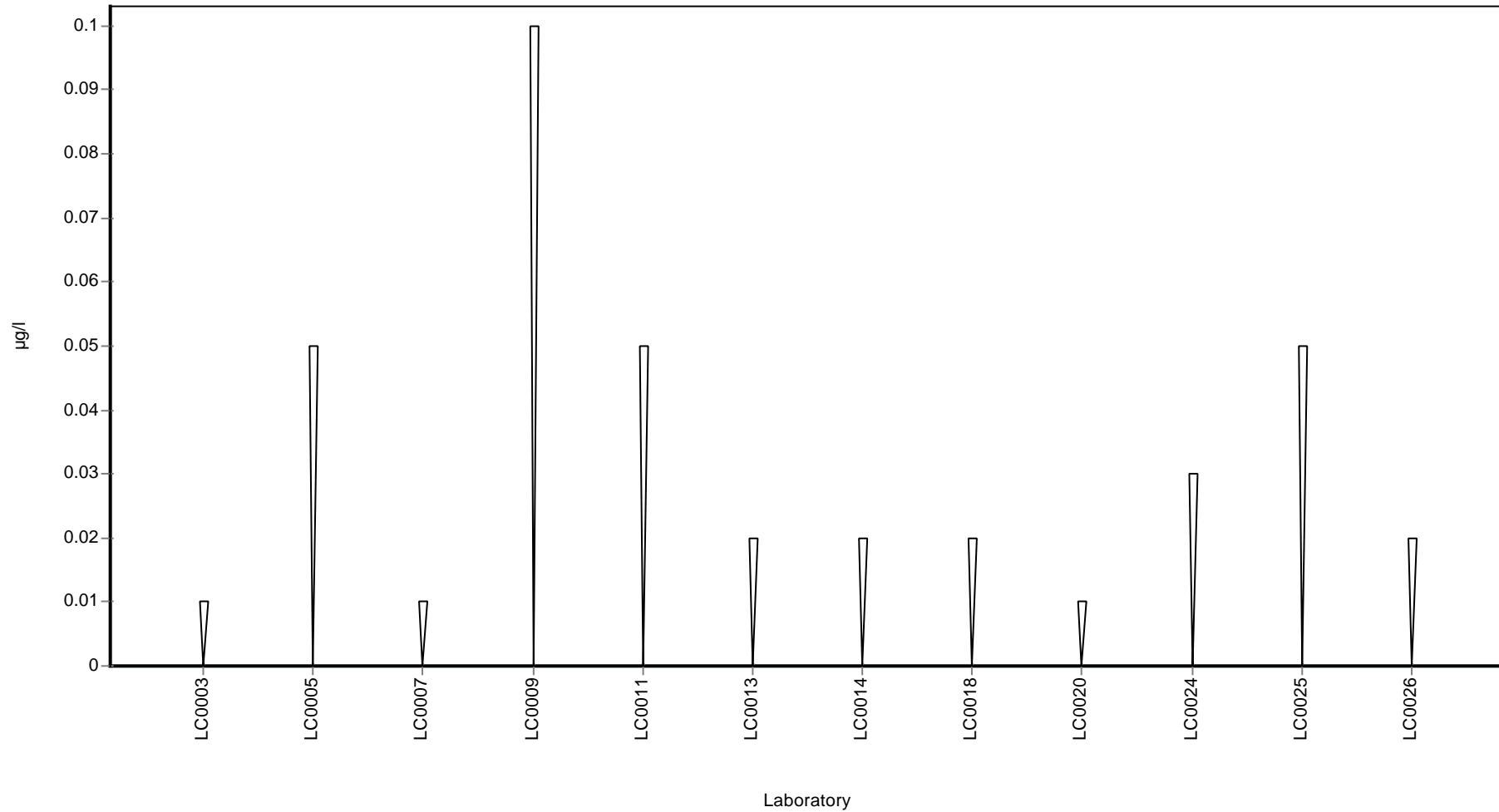
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	< 0.01 (LOQ)	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.05 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.01 (LOQ)	-	-	-	
LC0008	-	-	-	-	
LC0009	< 0.1 (LOQ)	-	-	-	
LC0010	-	-	-	-	
LC0011	< 0.05 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	< 0.02 (LOQ)	-	-	-	
LC0014	< 0.02 (LOQ)	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	< 0.02 (LOQ)	-	-	-	
LC0019	-	-	-	-	
LC0020	< 0.01 (LOQ)	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	< 0.03 (LOQ)	-	-	-	
LC0025	< 0.05 (LOQ)	-	-	-	
LC0026	< 0.02 (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

### H92 A

#### Glyphosate

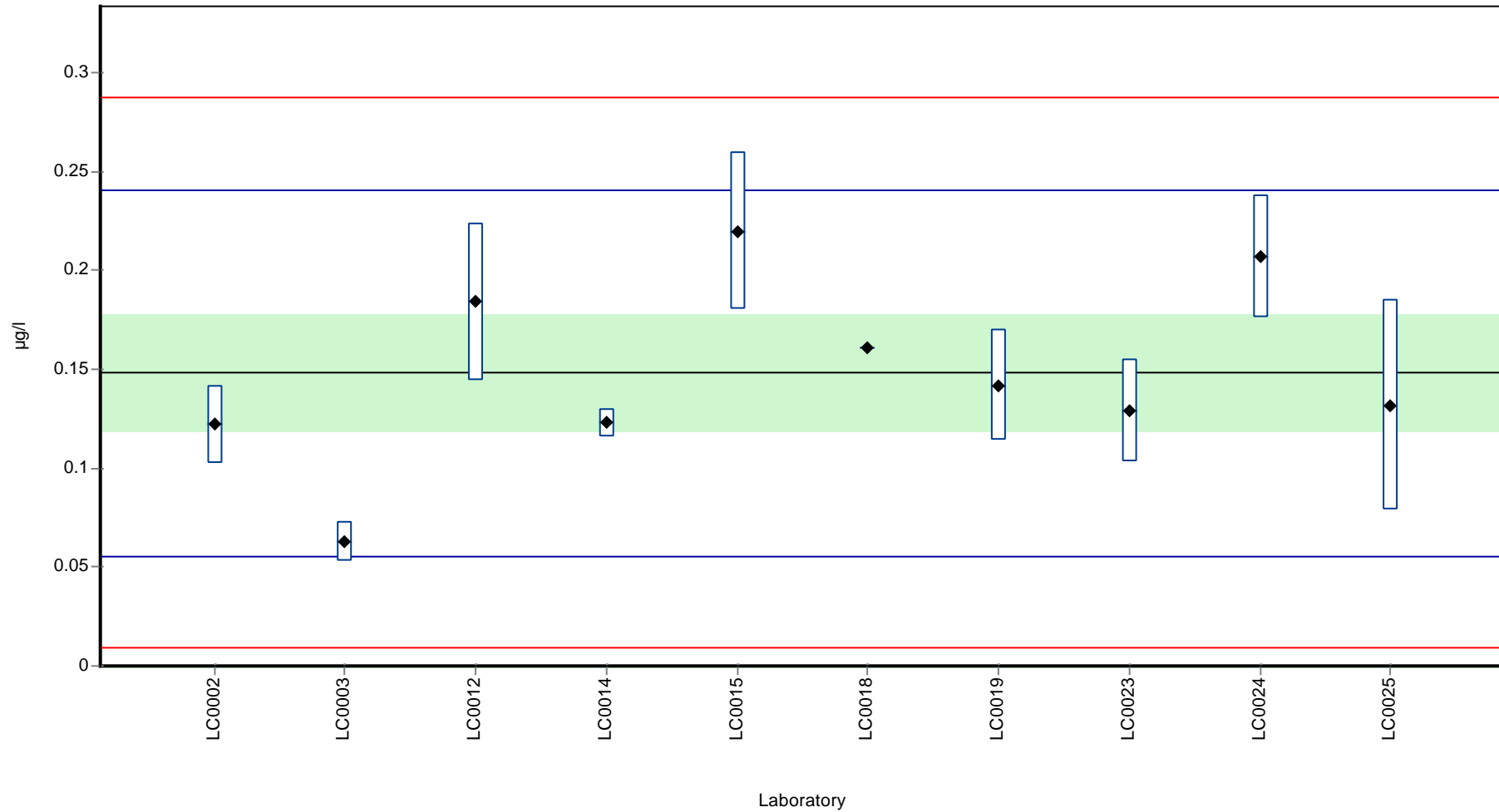
Unit	µg/l
Mean ± CI (99%)	0.148 ± 0.0439
Minimum - Maximum	0.063 - 0.22
Check value ± U	0.15 ± 0.018

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.122	0.020	82.3	-0.6	
LC0003	0.063	0.010	42.5	-1.8	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.184	0.040	124.1	0.8	
LC0013	-	-	-	-	
LC0014	0.123	0.007	82.9	-0.5	
LC0015	0.220	0.040	148.3	1.5	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	0.161	-	108.6	0.3	
LC0019	0.142	0.028	95.8	-0.1	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	0.129	0.026	87.0	-0.4	
LC0024	0.207	0.0311	139.6	1.3	
LC0025	0.132	0.053	89.0	-0.4	
LC0026	-	-	-	-	

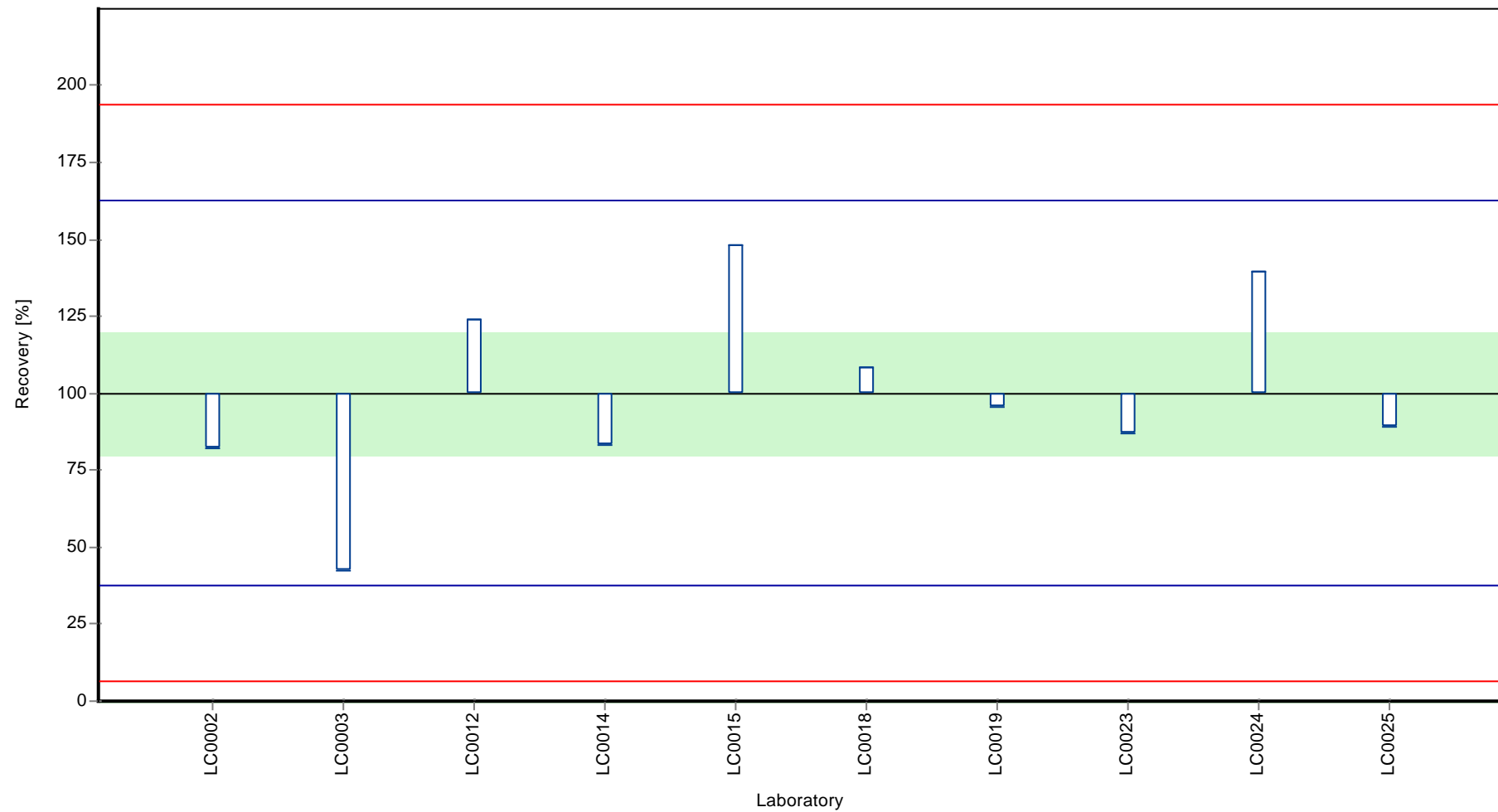
#### Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.148 ± 0.0439	0.148 ± 0.0439	µg/l
Minimum	0.063	0.063	µg/l
Maximum	0.22	0.22	µg/l
Standard deviation	0.0463	0.0463	µg/l
rel. Standard deviation	31.2	31.2	%
n	10	10	-

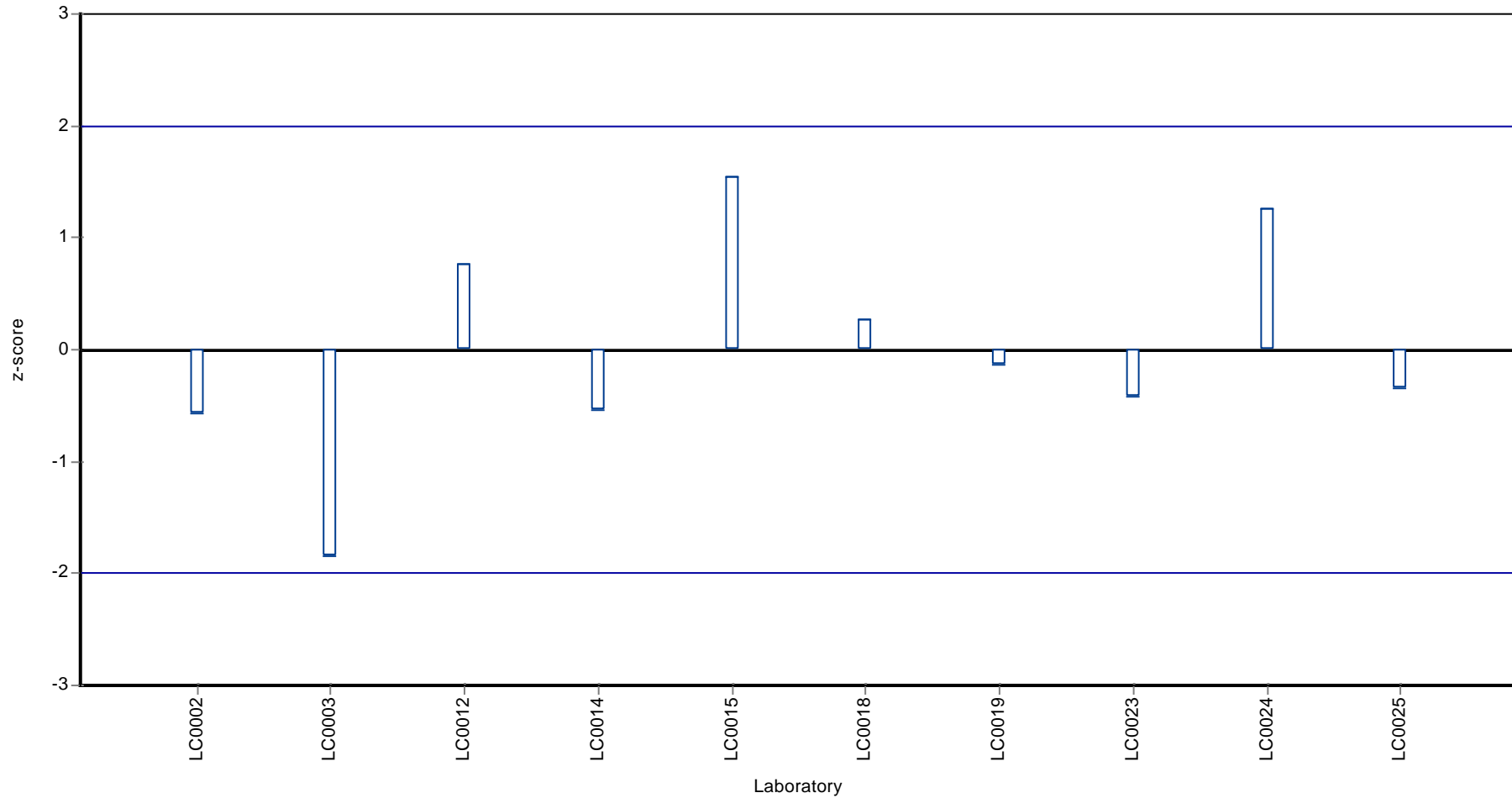
**Graphical presentation of results**  
**Results**



Recovery rate



Z-score



## Parameter oriented report

### H92 B

#### Glyphosate

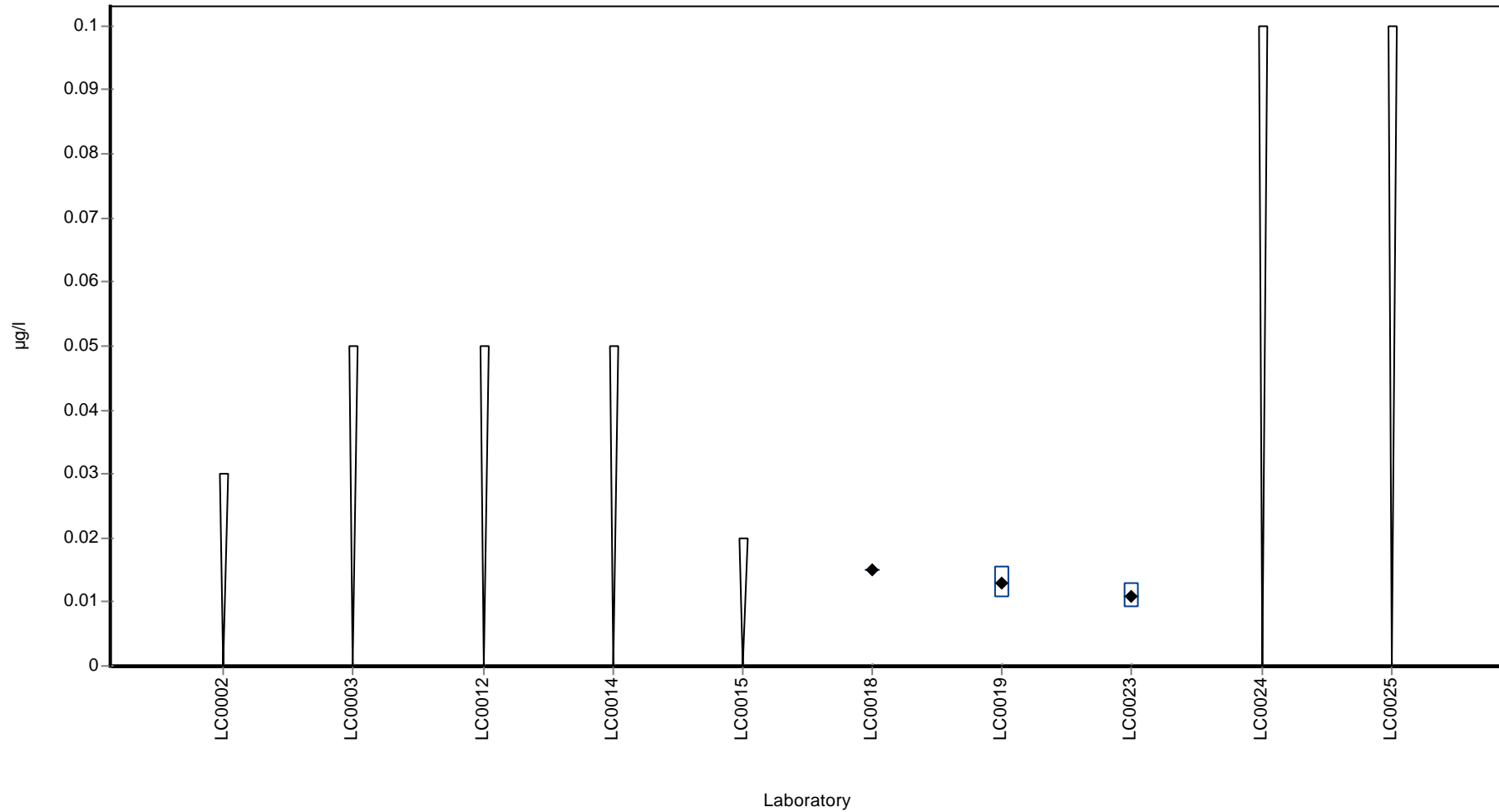
Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.011 - 0.015
Check value ± U	< 0.03 (LOD)

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	< 0.03 (LOQ)	-	-	-	
LC0003	< 0.05 (LOQ)	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	< 0.05 (LOQ)	-	-	-	
LC0013	-	-	-	-	
LC0014	< 0.05 (LOQ)	-	-	-	
LC0015	< 0.02 (LOQ)	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	0.015	-	-	-	
LC0019	0.013	0.0025	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	0.011	0.002	-	-	
LC0024	< 0.1 (LOQ)	-	-	-	
LC0025	< 0.1 (LOQ)	-	-	-	
LC0026	-	-	-	-	

#### Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.013 ± 0.00346	-	µg/l
Minimum	0.011	0.011	µg/l
Maximum	0.015	0.015	µg/l
Standard deviation	0.002	-	µg/l
rel. Standard deviation	15.4	-	%
n	3	3	-

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



## Parameter oriented report

### H92 A

#### Glufosinate

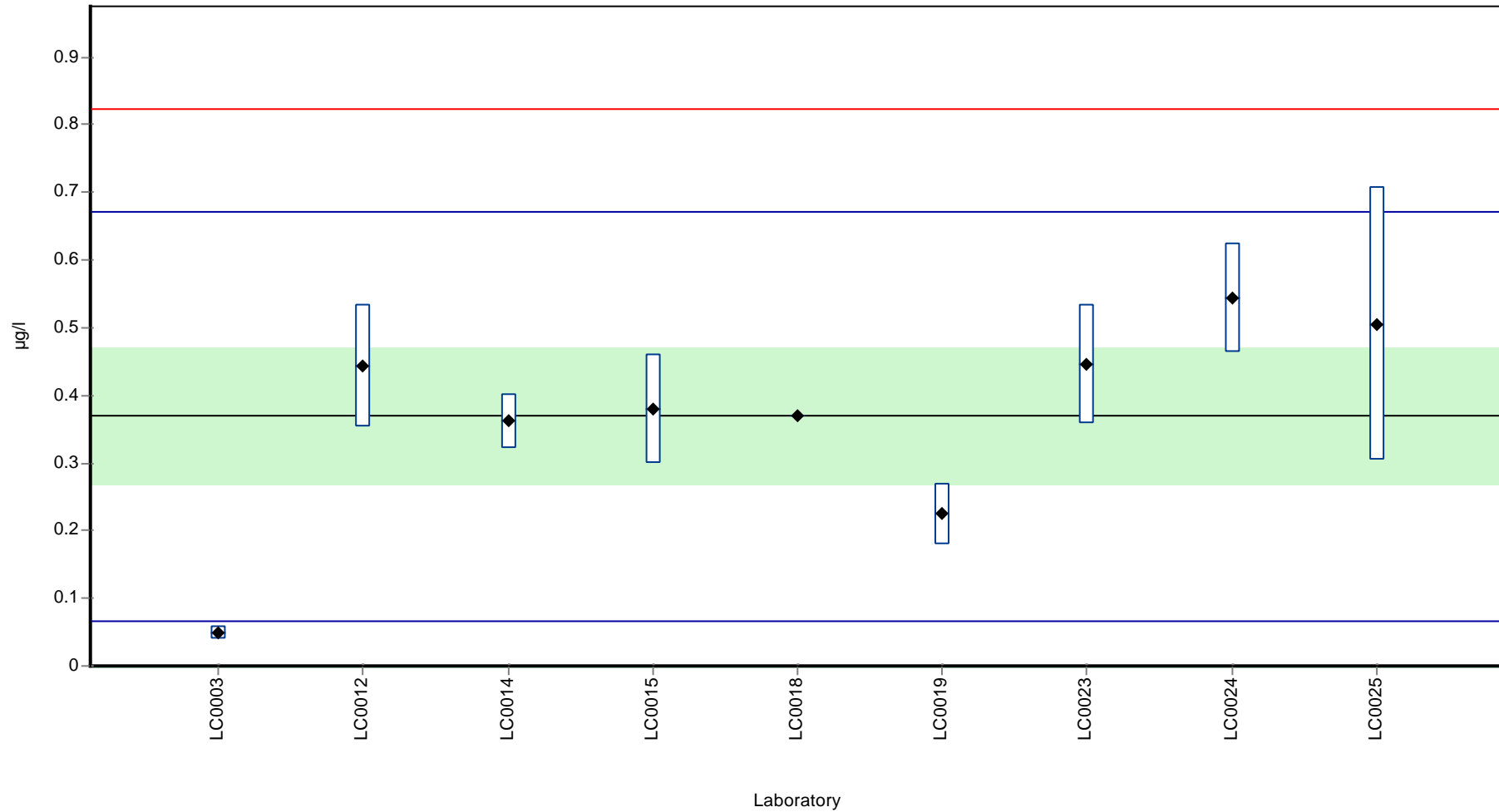
Unit	µg/l
Mean ± CI (99%)	0.369 ± 0.151
Minimum - Maximum	0.05 - 0.544
Check value ± U	0.38 ± 0.011

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.050	0.010	13.5	-2.1	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.443	0.090	119.9	0.5	
LC0013	-	-	-	-	
LC0014	0.362	0.040	98.0	0.0	
LC0015	0.380	0.080	102.9	0.1	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	0.370	-	100.2	0.0	
LC0019	0.225	0.045	60.9	-1.0	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	0.446	0.089	120.7	0.5	
LC0024	0.544	0.0816	147.2	1.2	
LC0025	0.505	0.202	136.7	0.9	
LC0026	-	-	-	-	

#### Characteristics of parameter

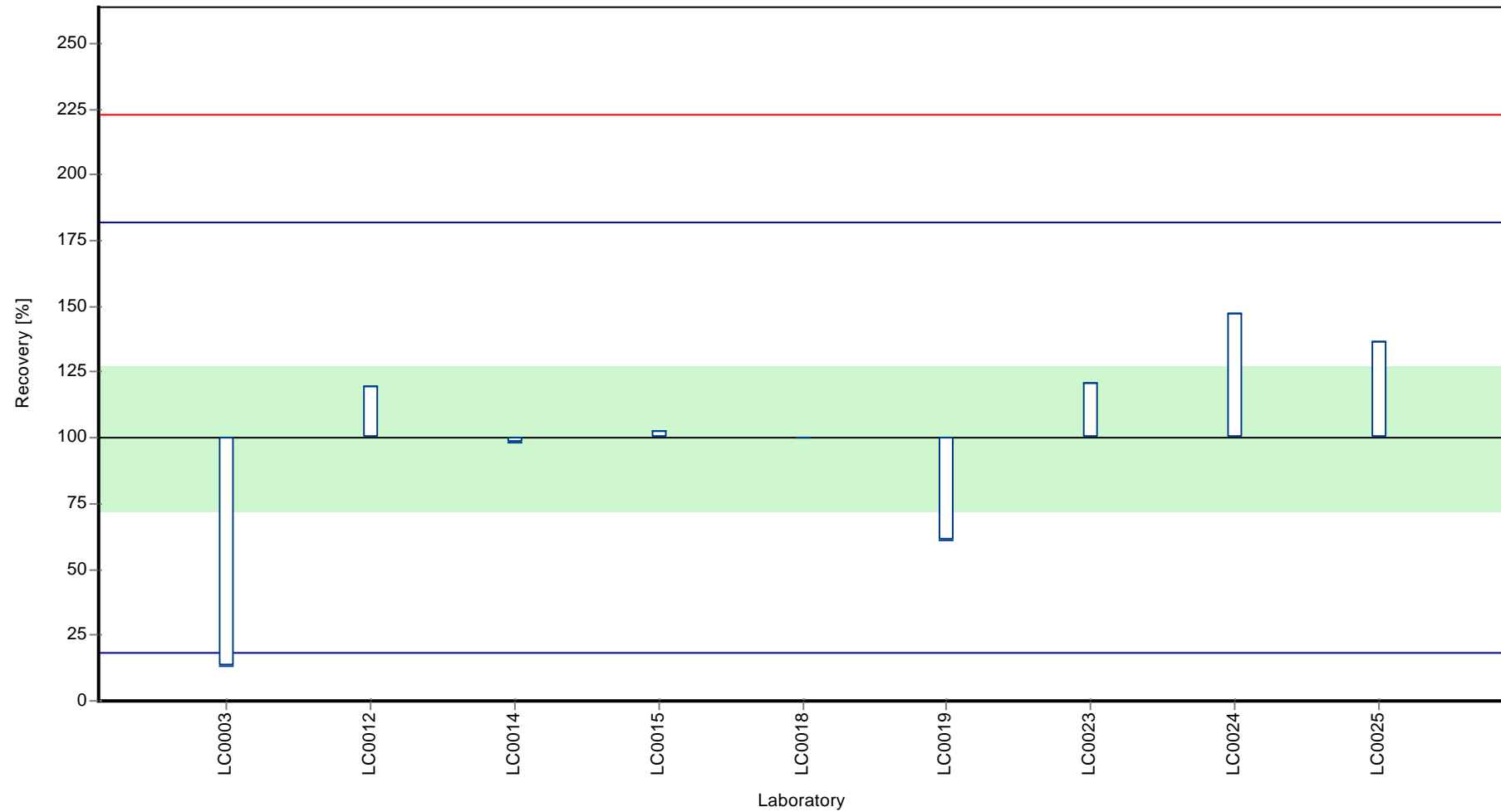
	all results	without outliers	Unit
Mean ± CI (99%)	0.369 ± 0.151	0.369 ± 0.151	µg/l
Minimum	0.05	0.05	µg/l
Maximum	0.544	0.544	µg/l
Standard deviation	0.151	0.151	µg/l
rel. Standard deviation	41	41	%
n	9	9	-

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

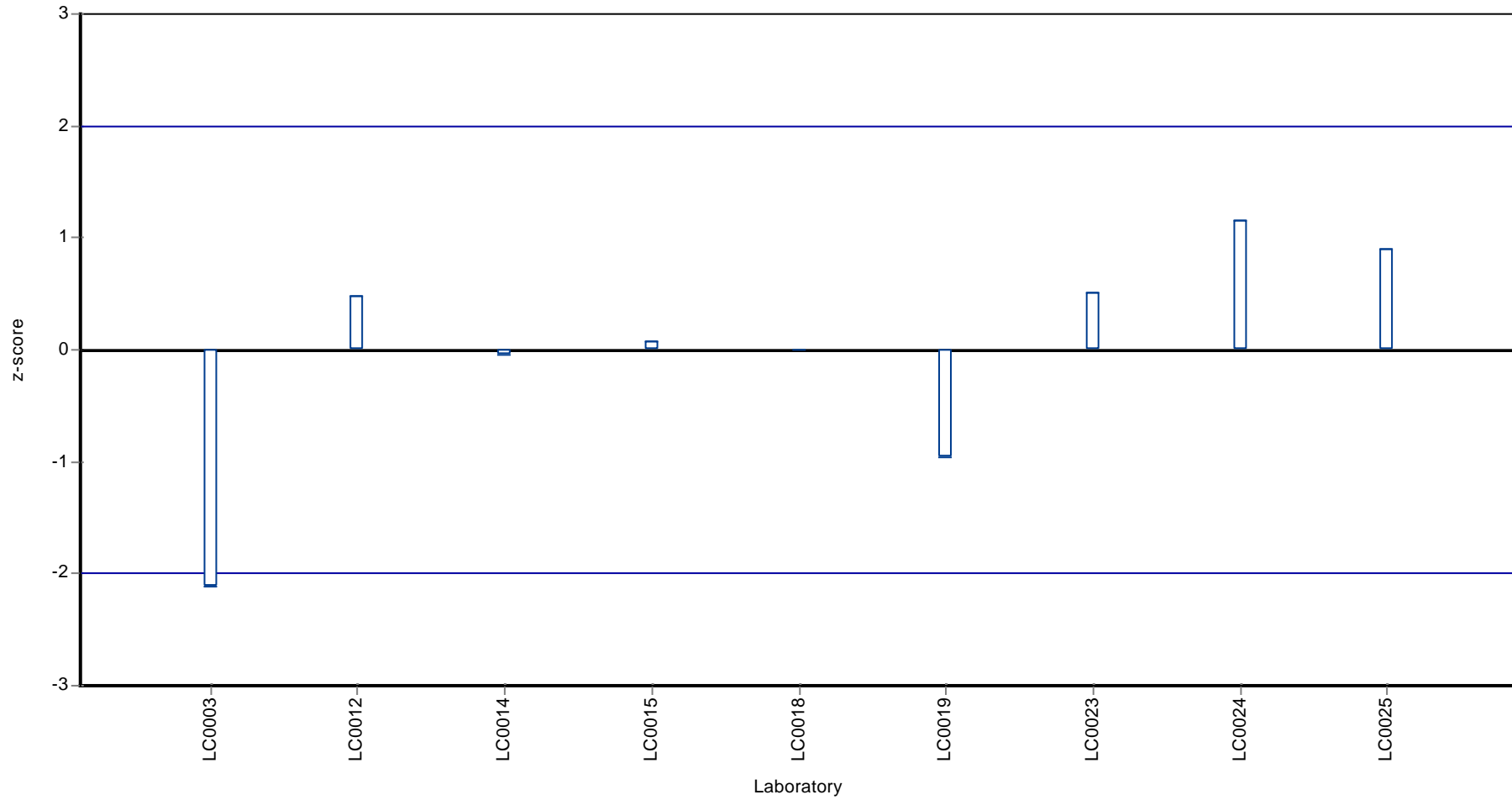




Recovery rate



Z-score



## Parameter oriented report

### H92 B

#### Glufosinate

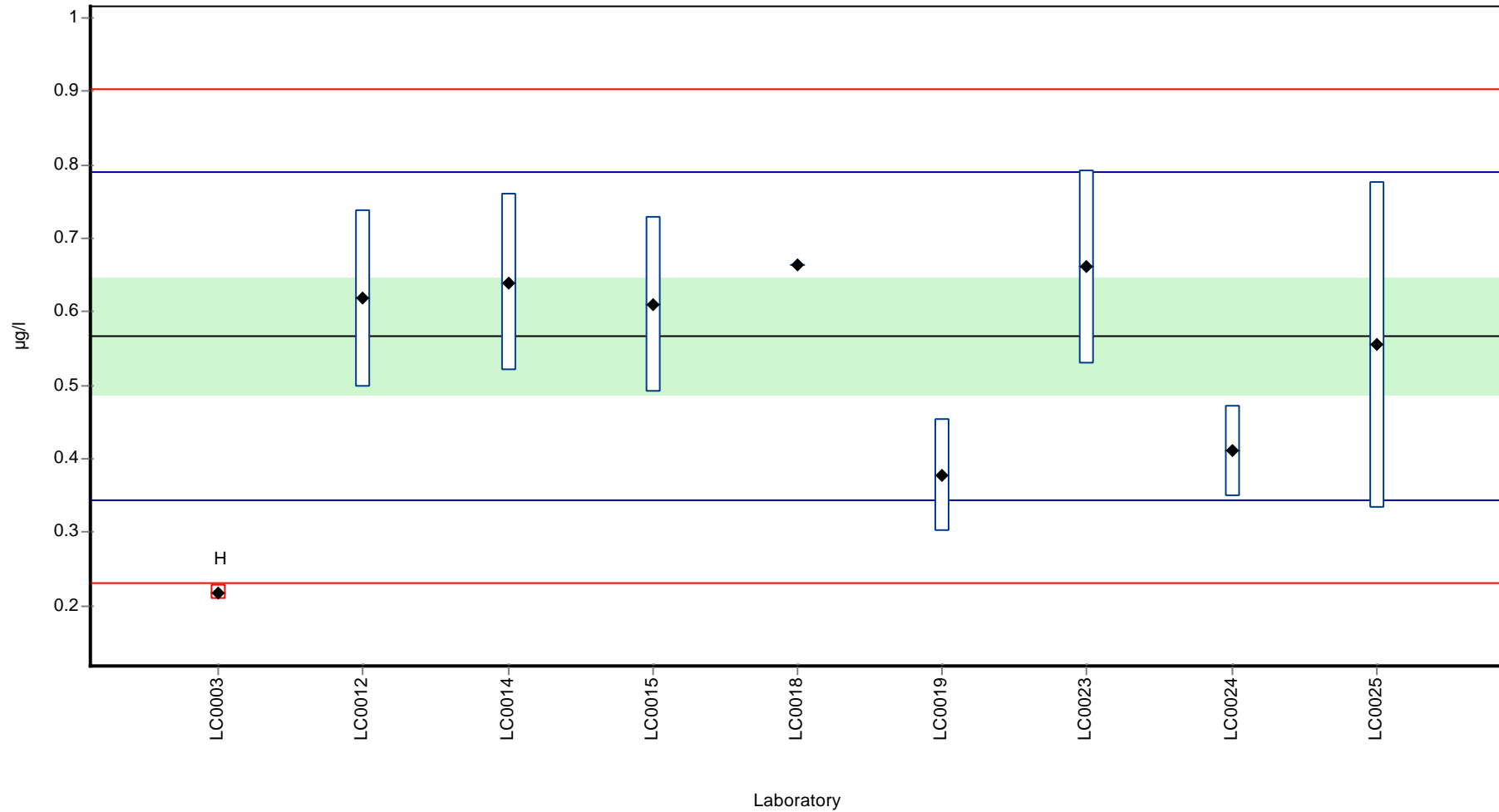
Unit	µg/l
Mean ± CI (99%)	0.567 ± 0.119
Minimum - Maximum	0.378 - 0.663
Check value ± U	0.44 ± 0.024

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.218	0.010	38.4	-3.1	H
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.618	0.120	109.0	0.5	
LC0013	-	-	-	-	
LC0014	0.640	0.120	112.9	0.7	
LC0015	0.610	0.120	107.6	0.4	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	0.663	-	116.9	0.9	
LC0019	0.378	0.076	66.7	-1.7	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	0.661	0.132	116.6	0.8	
LC0024	0.411	0.0617	72.5	-1.4	
LC0025	0.555	0.222	97.9	-0.1	
LC0026	-	-	-	-	

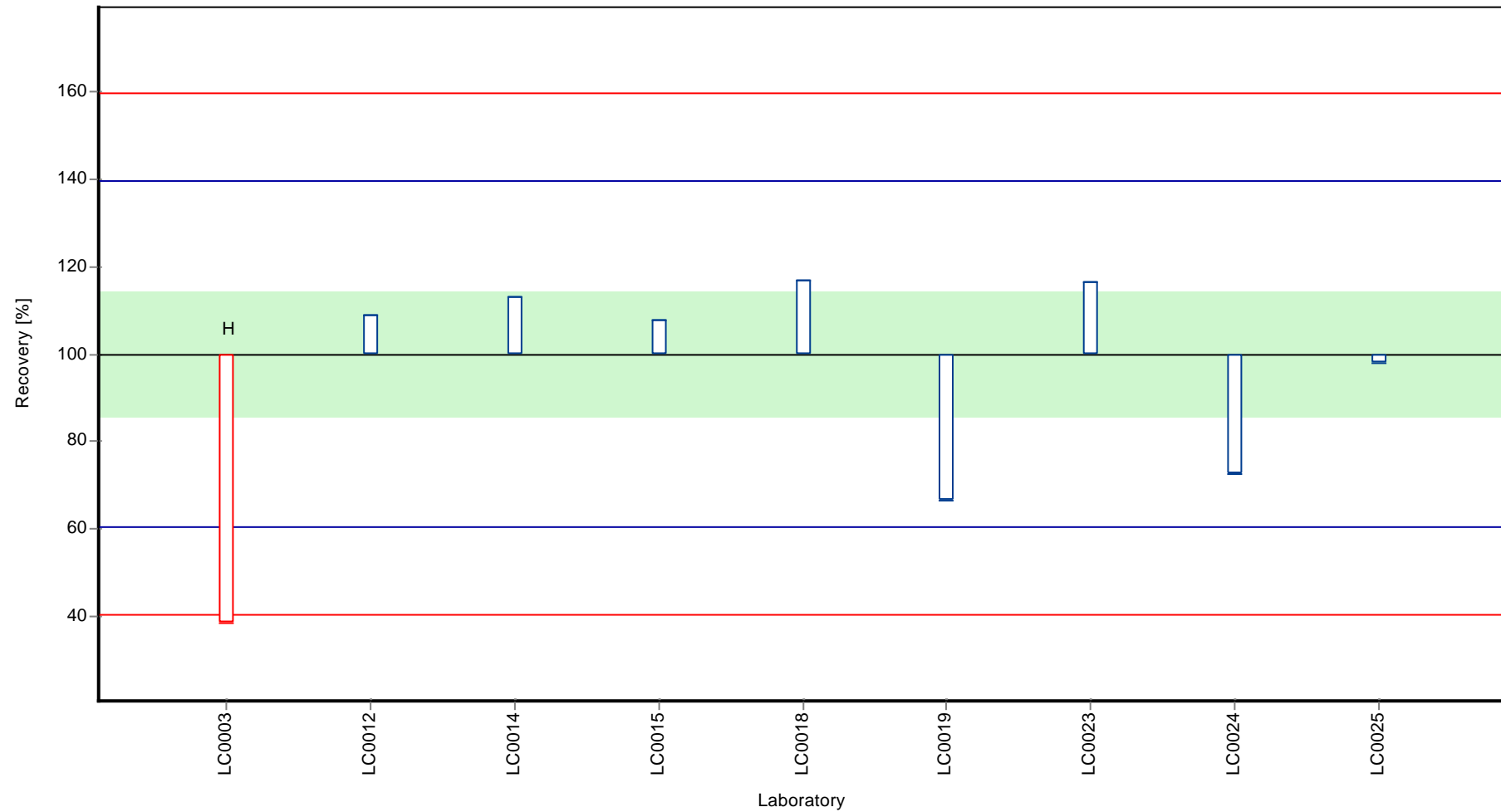
#### Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.528 ± 0.157	0.567 ± 0.119	µg/l
Minimum	0.218	0.378	µg/l
Maximum	0.663	0.663	µg/l
Standard deviation	0.157	0.112	µg/l
rel. Standard deviation	29.7	19.8	%
n	9	8	-

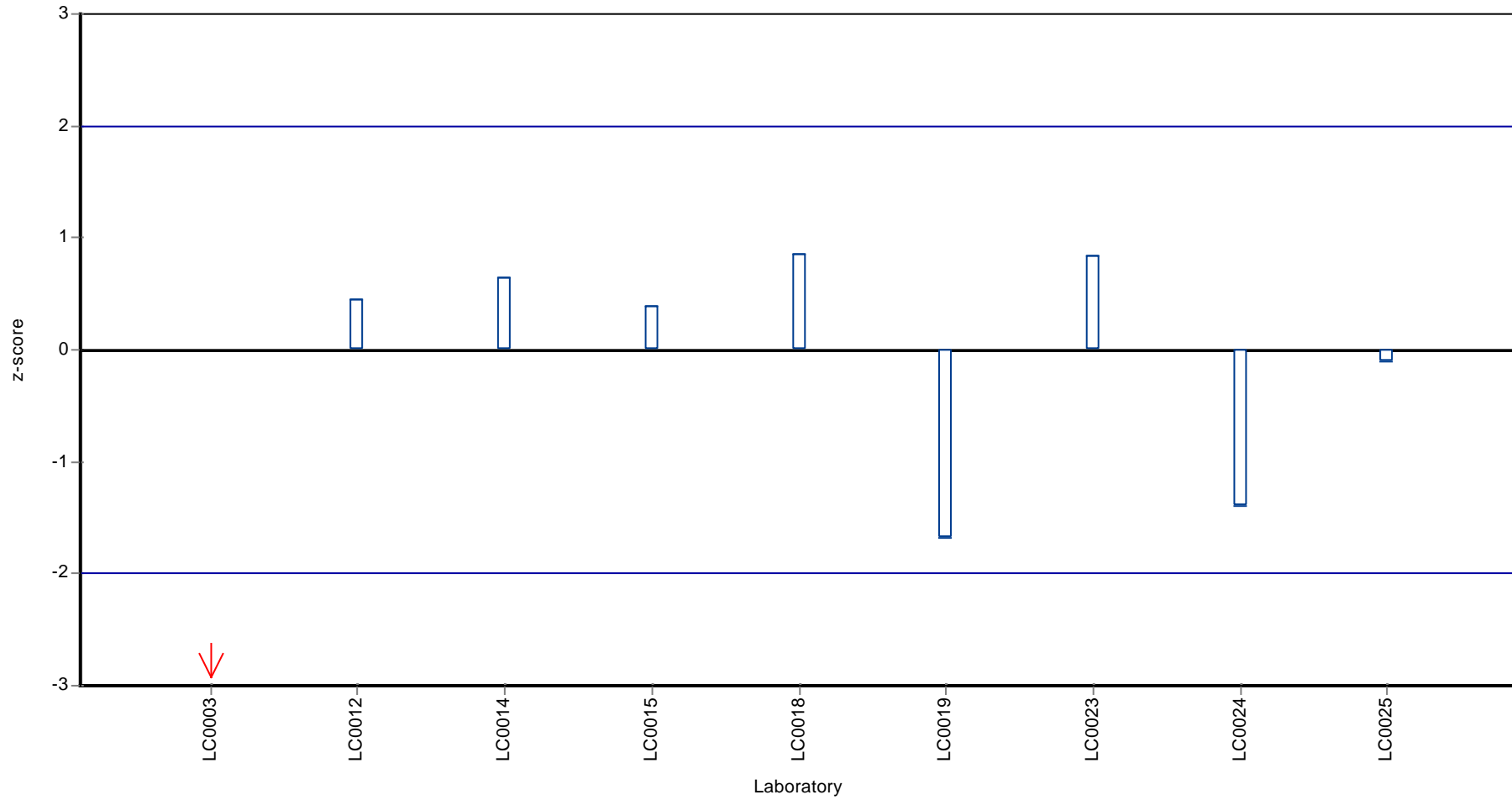
**Graphical presentation of results**  
**Results**



Recovery rate



Z-score



## Parameter oriented report

### H92 A

#### Ampa

Unit	µg/l
Mean ± CI (99%)	0.156 ± 0.0342
Minimum - Maximum	0.108 - 0.187
Check value ± U	-

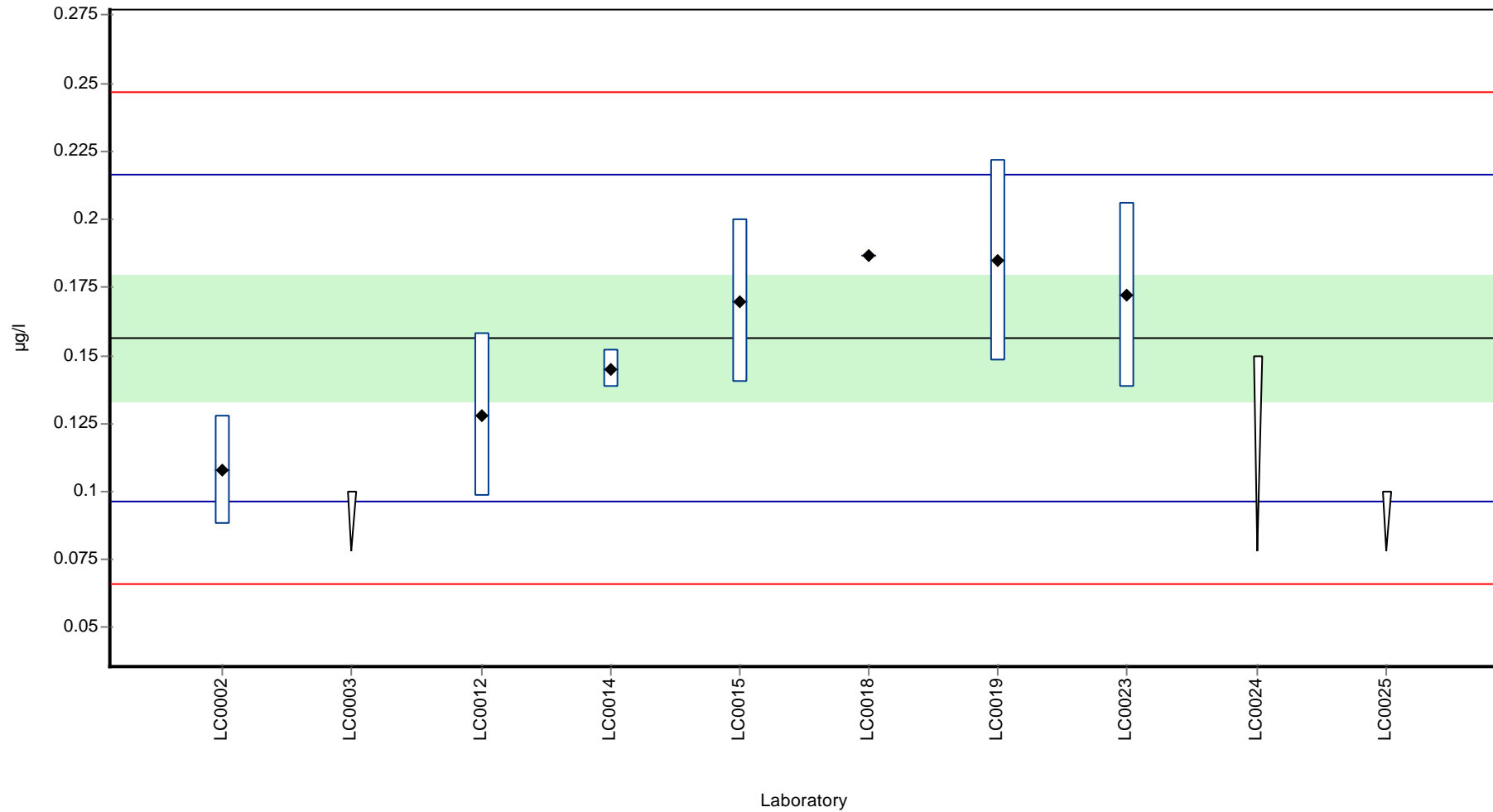
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.108	0.020	69.0	-1.6	
LC0003	< 0.1 (LOQ)	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.128	0.030	81.8	-0.9	
LC0013	-	-	-	-	
LC0014	0.145	0.007	92.7	-0.4	
LC0015	0.170	0.030	108.7	0.4	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	0.187	-	119.5	1.0	
LC0019	0.185	0.037	118.3	0.9	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	0.172	0.034	110.0	0.5	
LC0024	< 0.15 (LOQ)	-	-	-	
LC0025	< 0.1 (LOQ)	-	-	-	
LC0026	-	-	-	-	

#### Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.156 ± 0.0342	0.156 ± 0.0342	µg/l
Minimum	0.108	0.108	µg/l
Maximum	0.187	0.187	µg/l
Standard deviation	0.0302	0.0302	µg/l
rel. Standard deviation	19.3	19.3	%
n	7	7	-

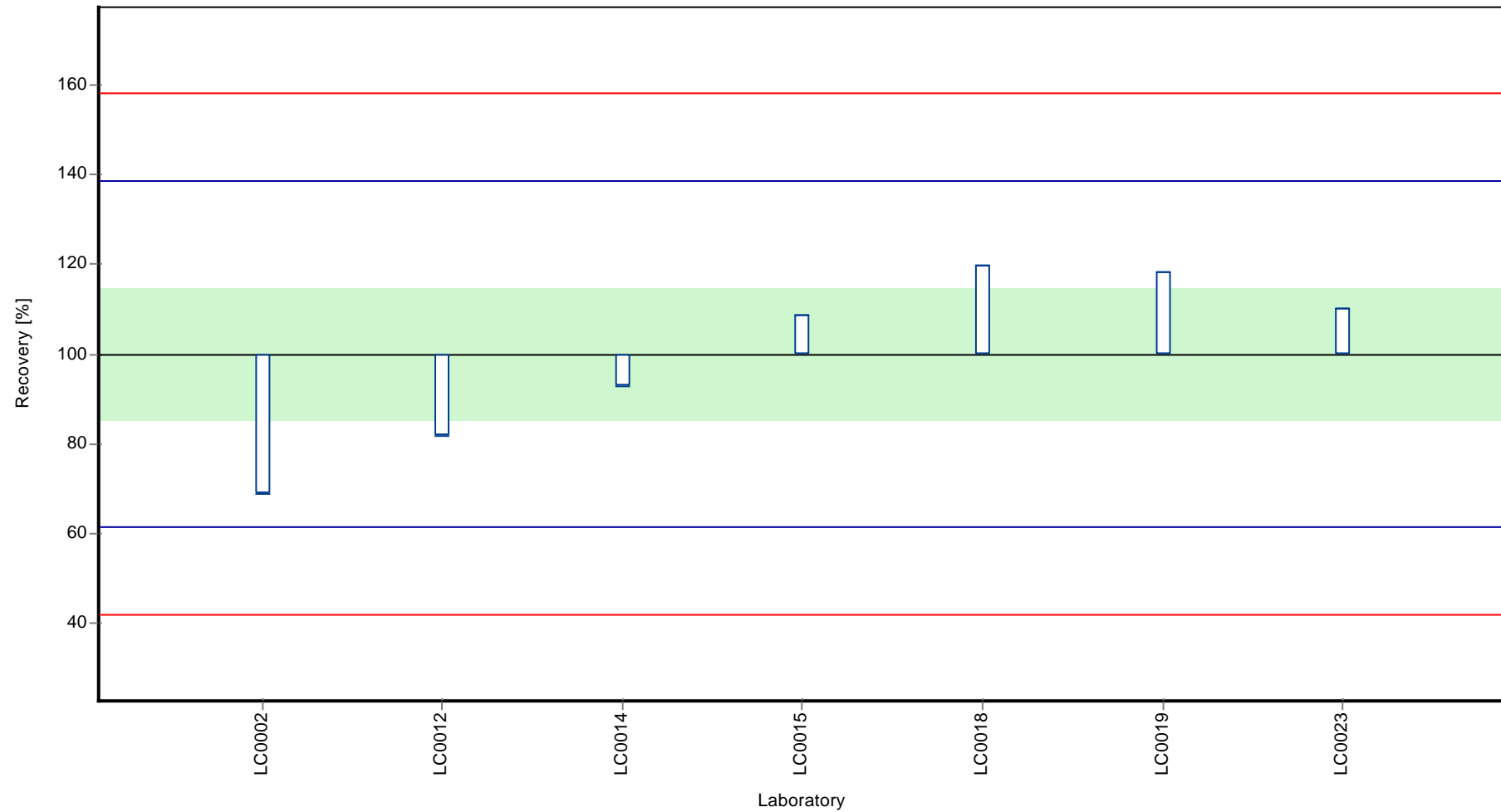
Graphical presentation of results

Results





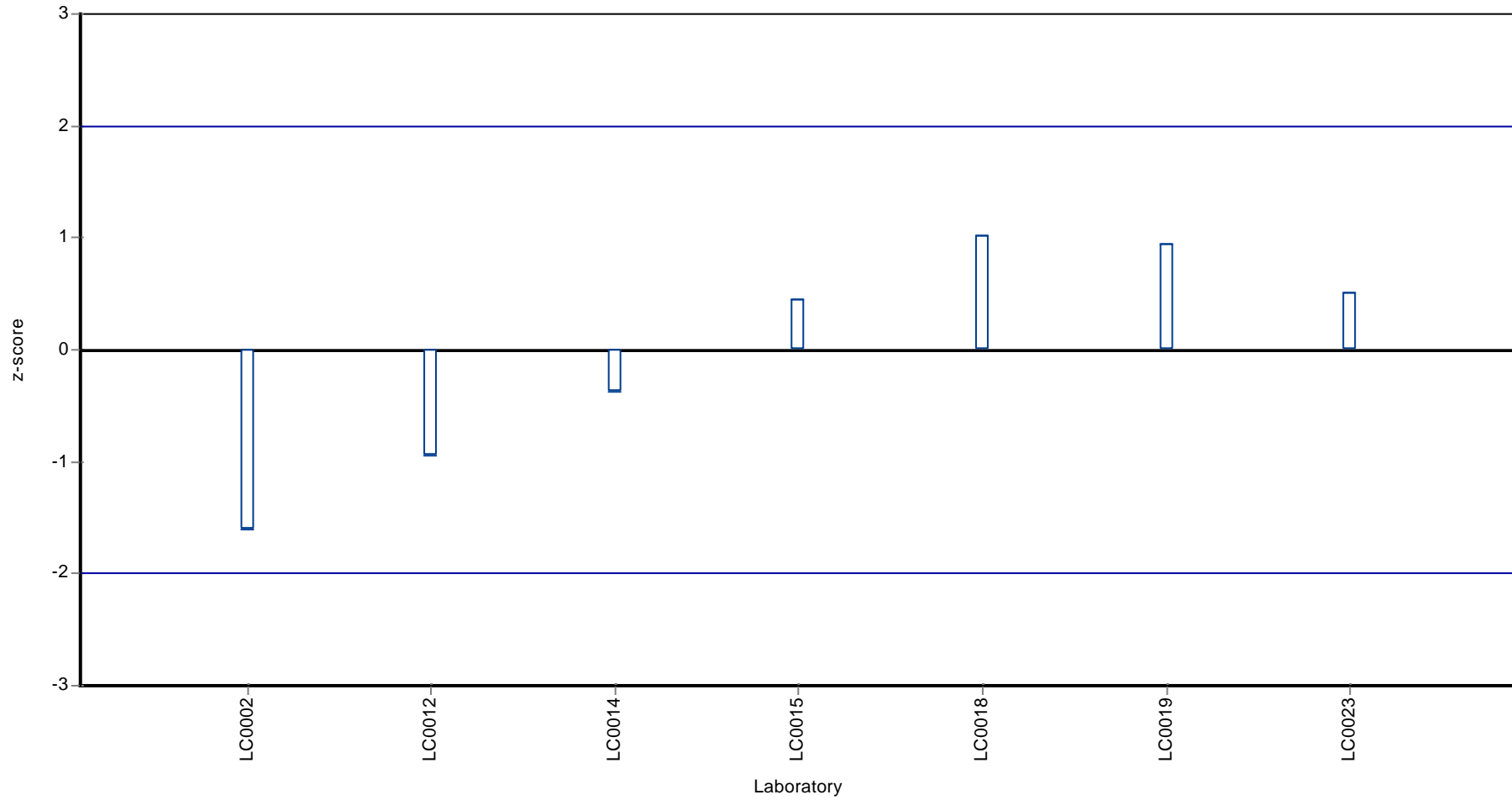
Recovery rate



Parameter oriented report Herbicides - H92

Sample: H92A, Parameter: Ampa

Z-score



## Parameter oriented report

### H92 B

#### Ampa

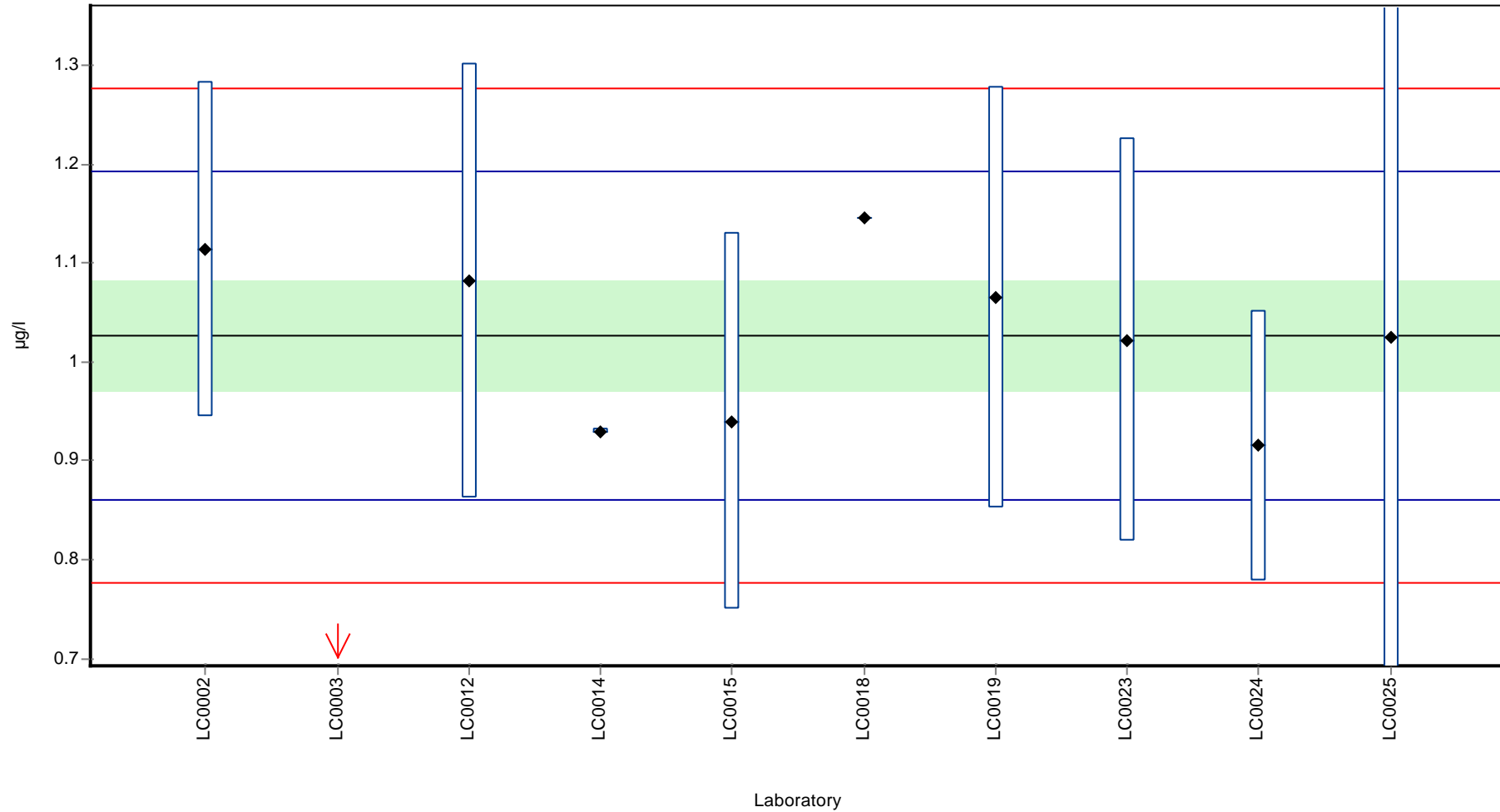
Unit	µg/l
Mean ± CI (99%)	1.03 ± 0.0835
Minimum - Maximum	0.915 - 1.146
Check value ± U	-

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	1.114	0.169	108.5	1.0	
LC0003	0.123	0.020	12.0	-10.8	H
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	1.082	0.220	105.4	0.7	
LC0013	-	-	-	-	
LC0014	0.930	0.002	90.6	-1.2	
LC0015	0.940	0.190	91.6	-1.0	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	1.146	-	111.6	1.4	
LC0019	1.065	0.213	103.7	0.5	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	1.022	0.204	99.6	-0.1	
LC0024	0.915	0.1373	89.1	-1.3	
LC0025	1.025	0.410	99.8	0.0	
LC0026	-	-	-	-	

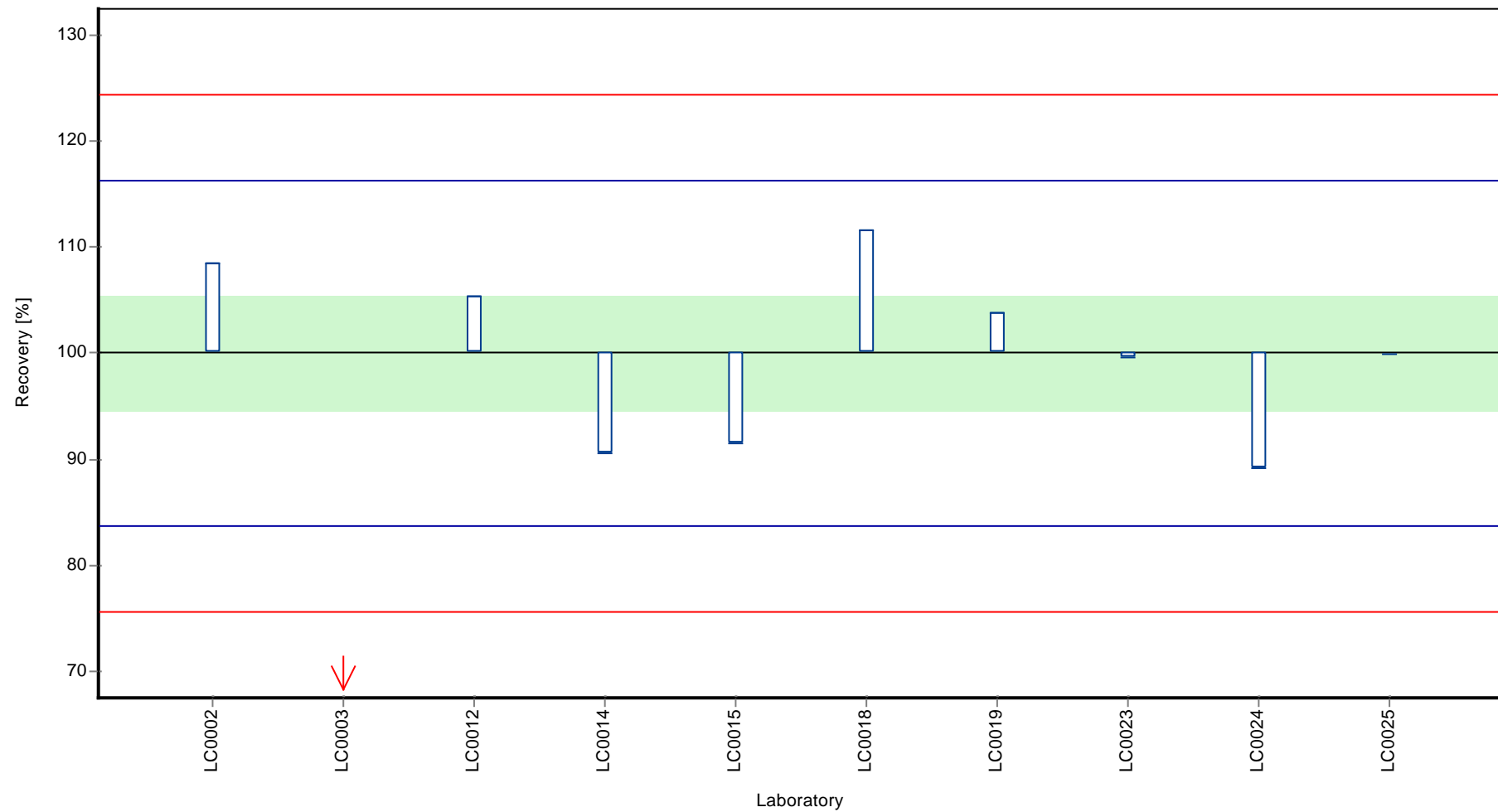
#### Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.936 ± 0.281	1.03 ± 0.0835	µg/l
Minimum	0.123	0.915	µg/l
Maximum	1.15	1.15	µg/l
Standard deviation	0.296	0.0835	µg/l
rel. Standard deviation	31.7	8.13	%
n	10	9	-

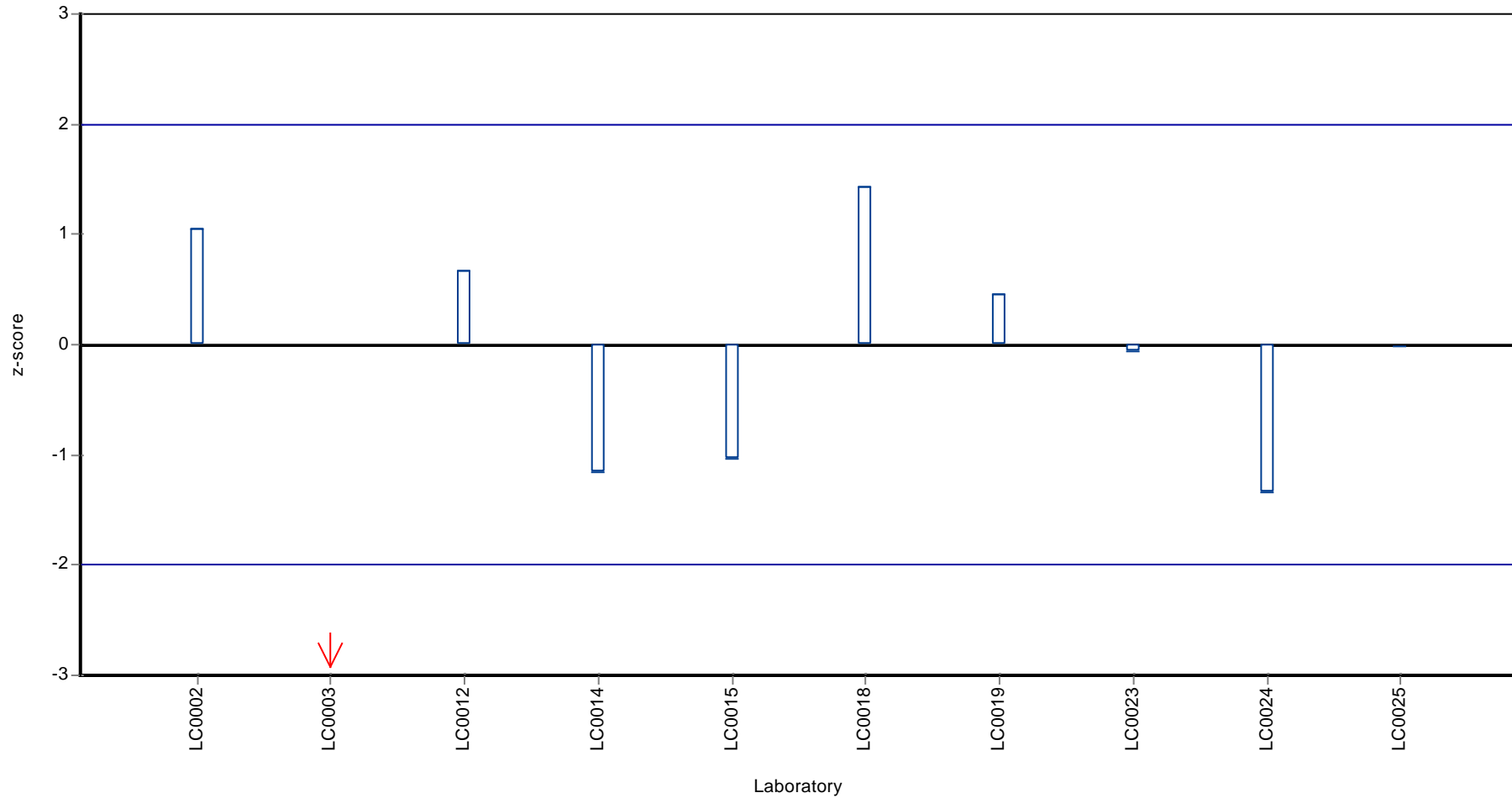
**Graphical presentation of results**  
**Results**



Recovery rate



Z-score



## Parameter oriented report

### H92 A

#### Metolachlor ESA

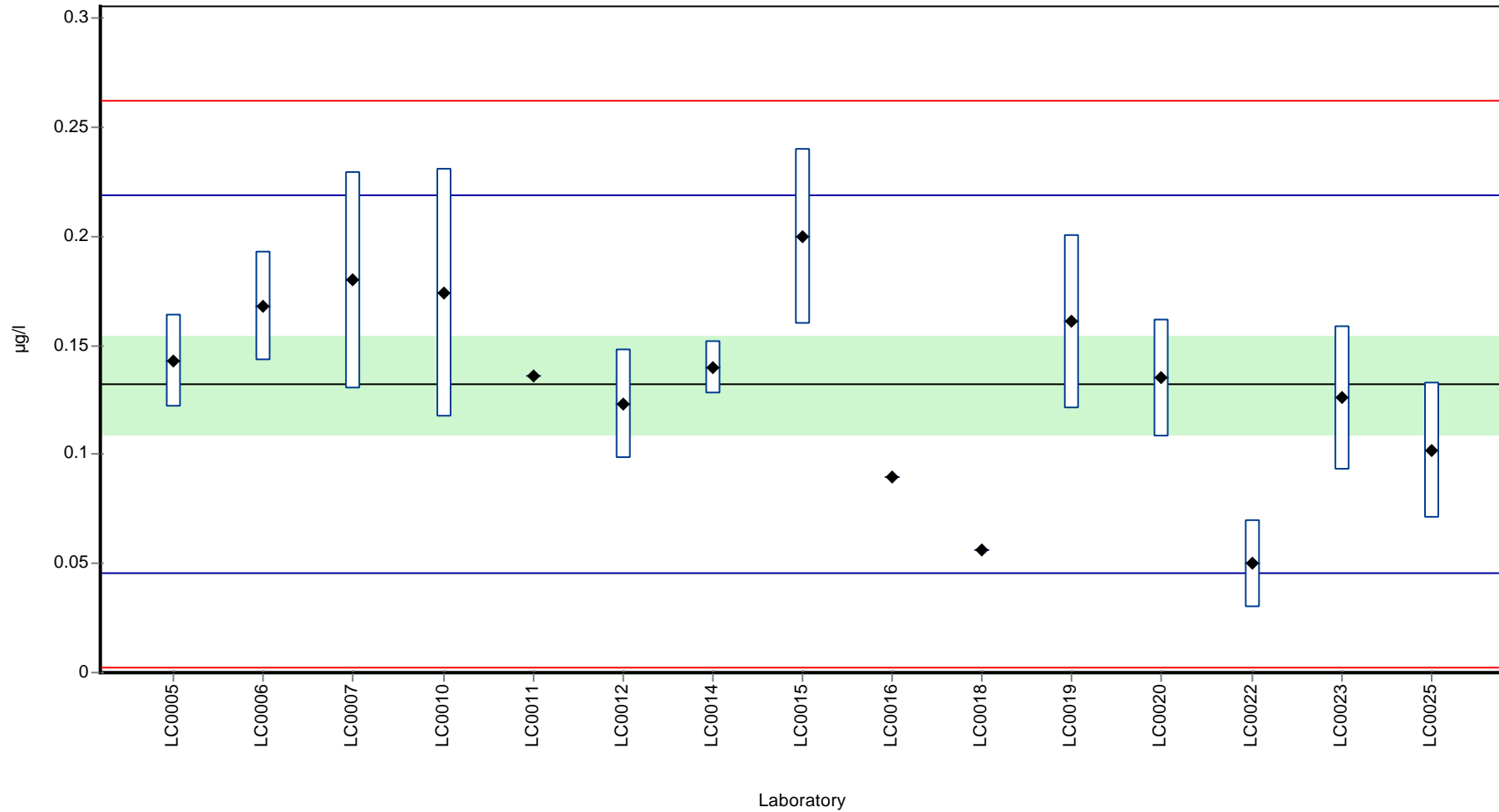
Unit	µg/l
Mean ± CI (99%)	0.132 ± 0.0336
Minimum - Maximum	0.05 - 0.2
Check value ± U	0.13 ± 0.0059

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	0.143	0.021	108.1	0.2	
LC0006	0.168	0.025	127.0	0.8	
LC0007	0.180	0.050	136.1	1.1	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	0.174	0.057	131.6	1.0	
LC0011	0.136	-	102.8	0.1	
LC0012	0.123	0.025	93.0	-0.2	
LC0013	-	-	-	-	
LC0014	0.140	0.012	105.8	0.2	
LC0015	0.200	0.040	151.2	1.6	
LC0016	0.090	-	68.0	-1.0	
LC0017	-	-	-	-	
LC0018	0.056	-	42.3	-1.8	
LC0019	0.161	0.040	121.7	0.7	
LC0020	0.135	0.027	102.1	0.1	
LC0021	-	-	-	-	
LC0022	0.050	0.020	37.8	-1.9	
LC0023	0.126	0.033	95.3	-0.1	
LC0024	-	-	-	-	
LC0025	0.102	0.031	77.1	-0.7	
LC0026	-	-	-	-	

#### Characteristics of parameter

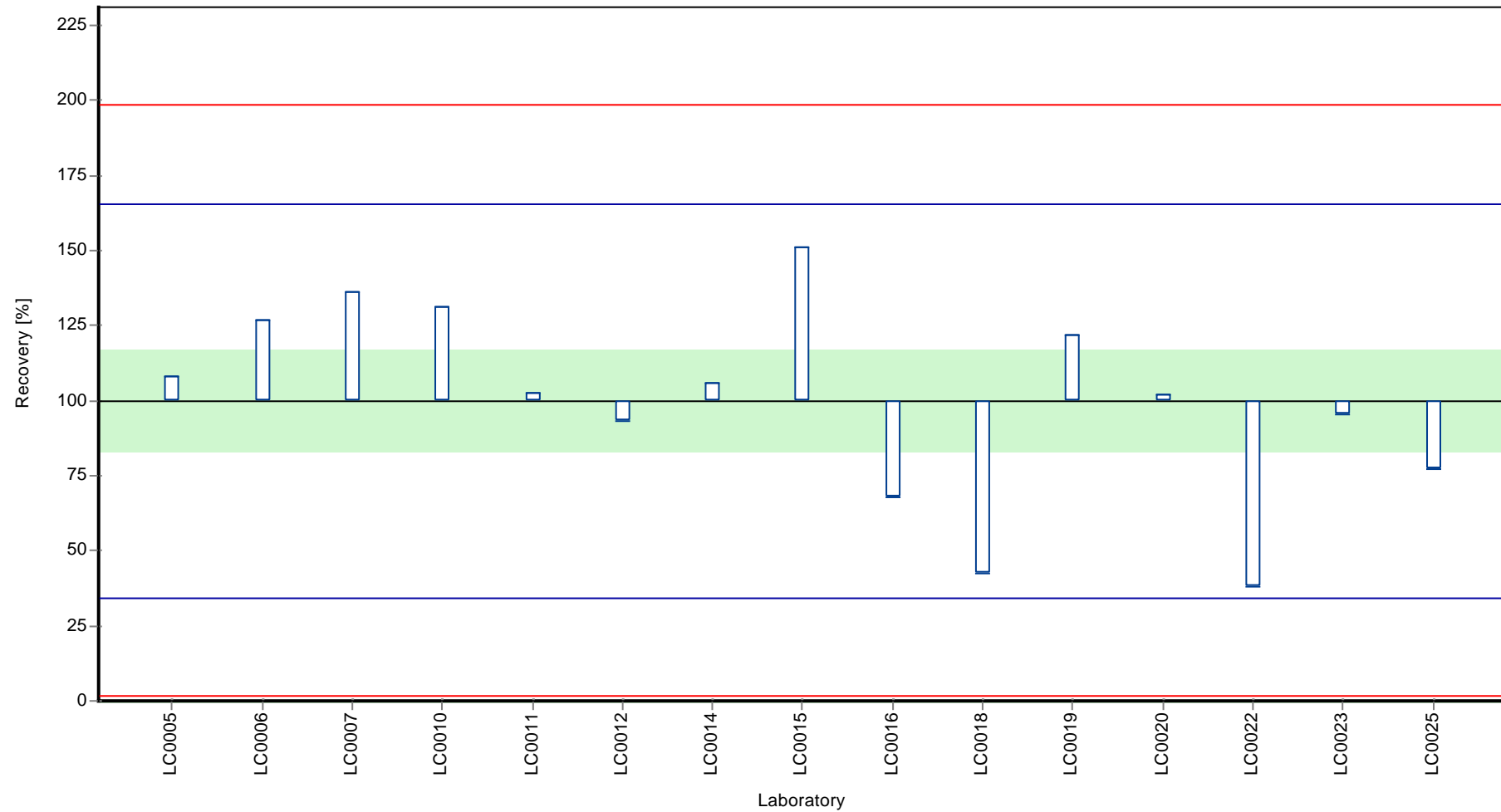
	all results	without outliers	Unit
Mean ± CI (99%)	0.132 ± 0.0336	0.132 ± 0.0336	µg/l
Minimum	0.05	0.05	µg/l
Maximum	0.2	0.2	µg/l
Standard deviation	0.0434	0.0434	µg/l
rel. Standard deviation	32.8	32.8	%
n	15	15	-

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

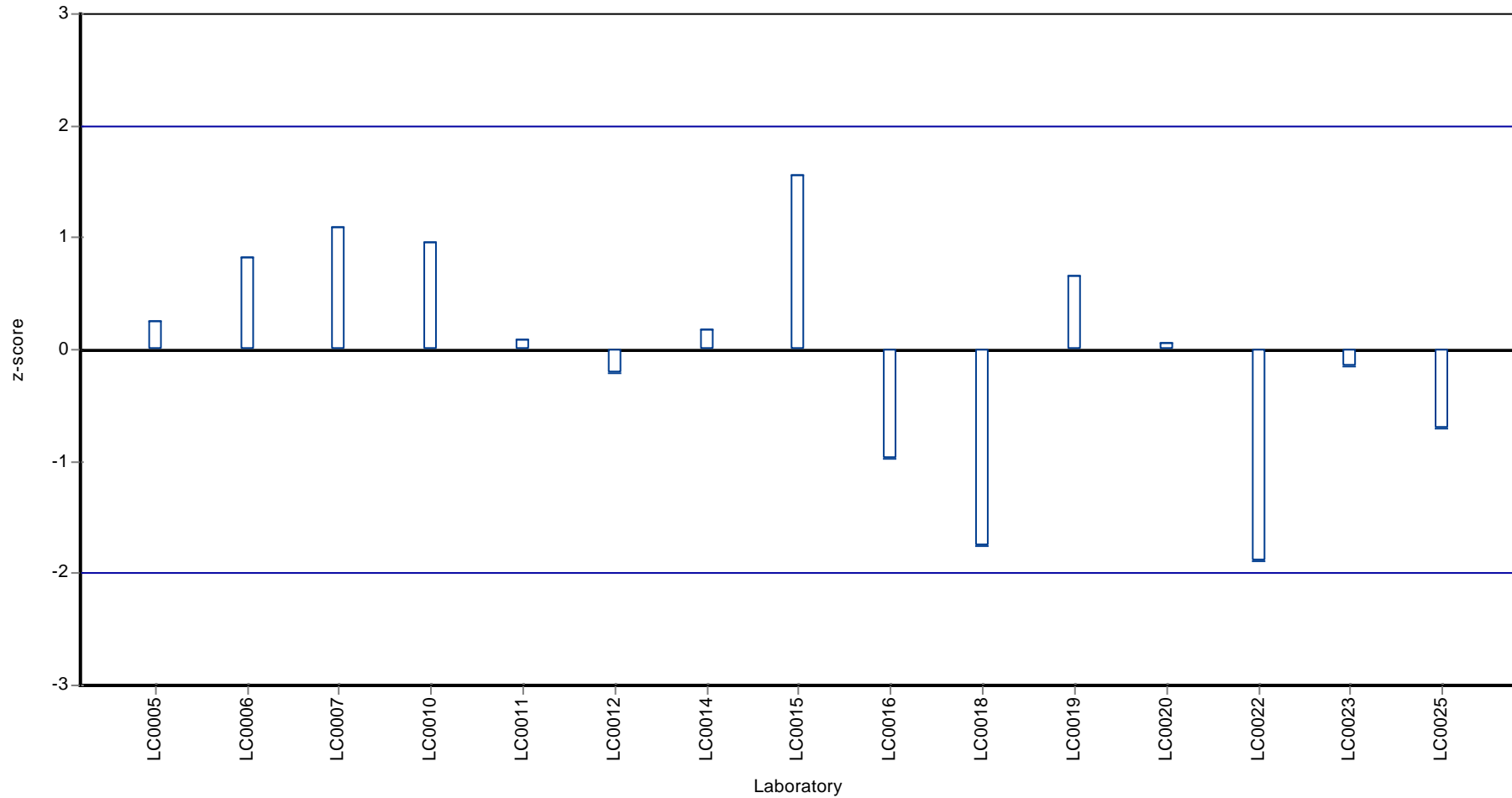




Recovery rate



Z-score



## Parameter oriented report

### H92 B

#### Metolachlor ESA

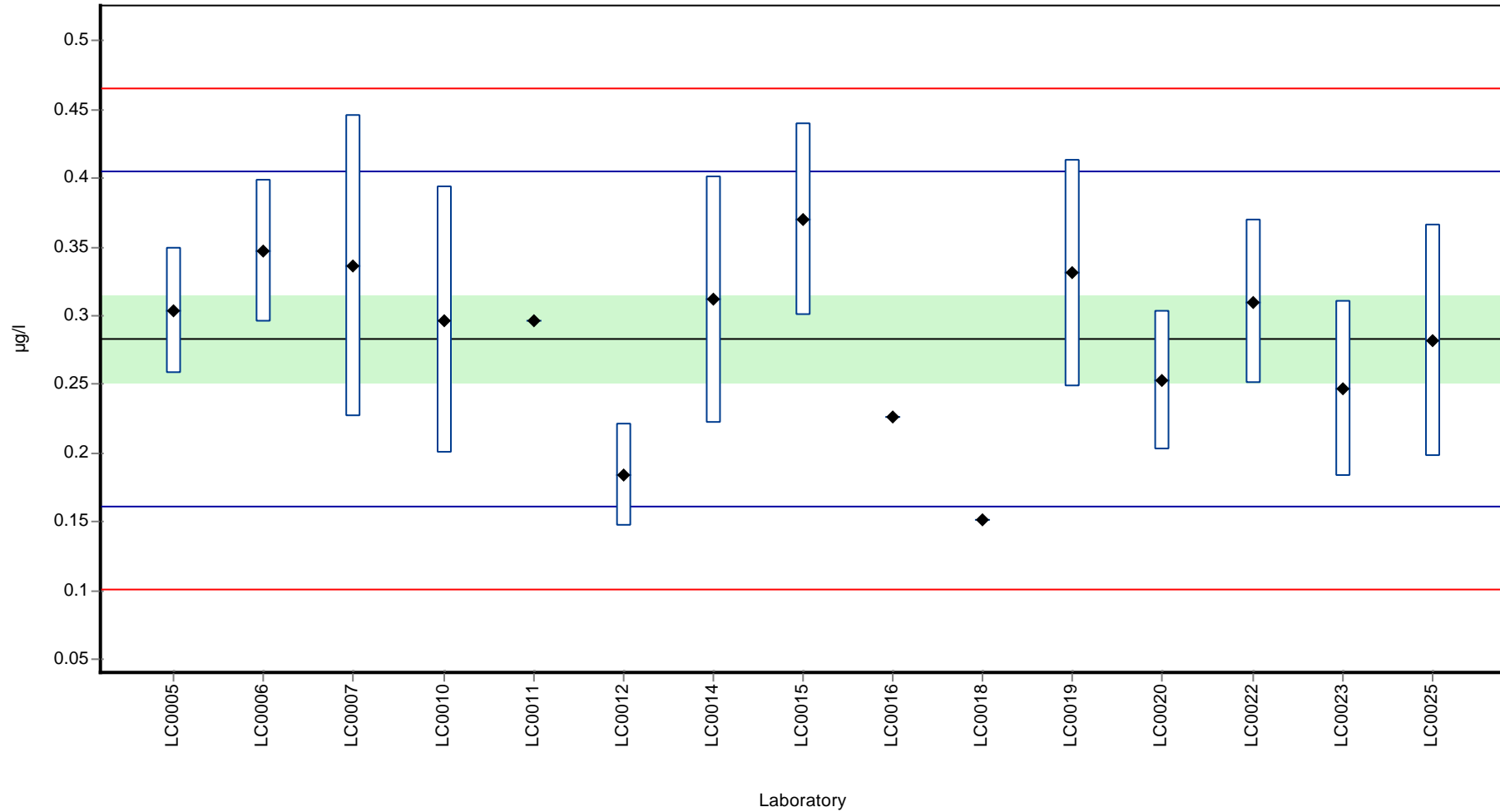
Unit	µg/l
Mean ± CI (99%)	0.283 ± 0.047
Minimum - Maximum	0.152 - 0.37
Check value ± U	0.30 ± 0.0088

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	0.304	0.046	107.4	0.3	
LC0006	0.347	0.052	122.6	1.1	
LC0007	0.336	0.110	118.7	0.9	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	0.297	0.097	104.9	0.2	
LC0011	0.296	-	104.5	0.2	
LC0012	0.184	0.037	65.0	-1.6	
LC0013	-	-	-	-	
LC0014	0.312	0.090	110.2	0.5	
LC0015	0.370	0.070	130.7	1.4	
LC0016	0.226	-	79.8	-0.9	
LC0017	-	-	-	-	
LC0018	0.152	-	53.7	-2.2	
LC0019	0.331	0.083	116.9	0.8	
LC0020	0.253	0.051	89.4	-0.5	
LC0021	-	-	-	-	
LC0022	0.310	0.060	109.5	0.4	
LC0023	0.247	0.064	87.2	-0.6	
LC0024	-	-	-	-	
LC0025	0.282	0.085	99.6	0.0	
LC0026	-	-	-	-	

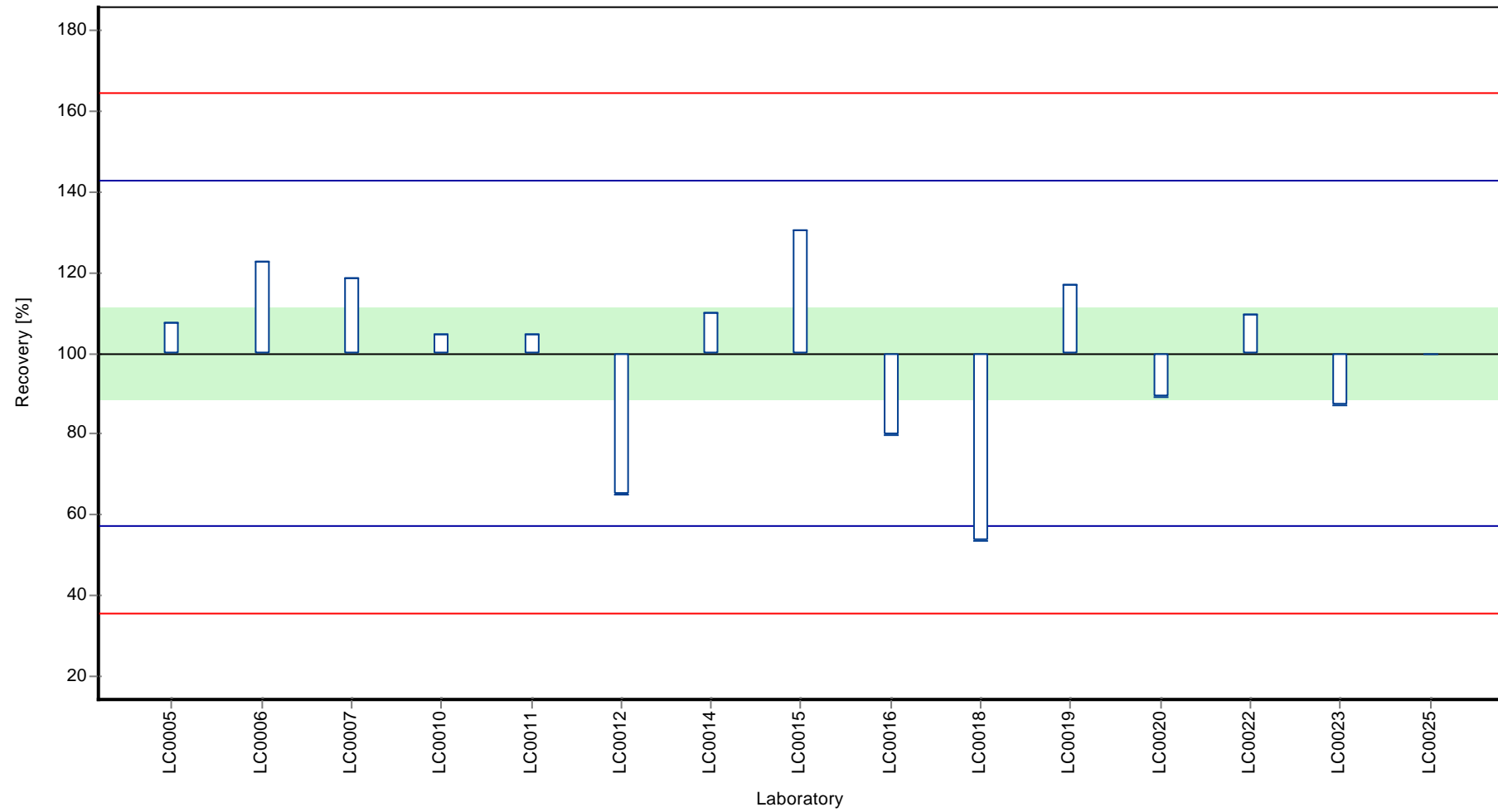
#### Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.283 ± 0.047	0.283 ± 0.047	µg/l
Minimum	0.152	0.152	µg/l
Maximum	0.37	0.37	µg/l
Standard deviation	0.0607	0.0607	µg/l
rel. Standard deviation	21.4	21.4	%
n	15	15	-

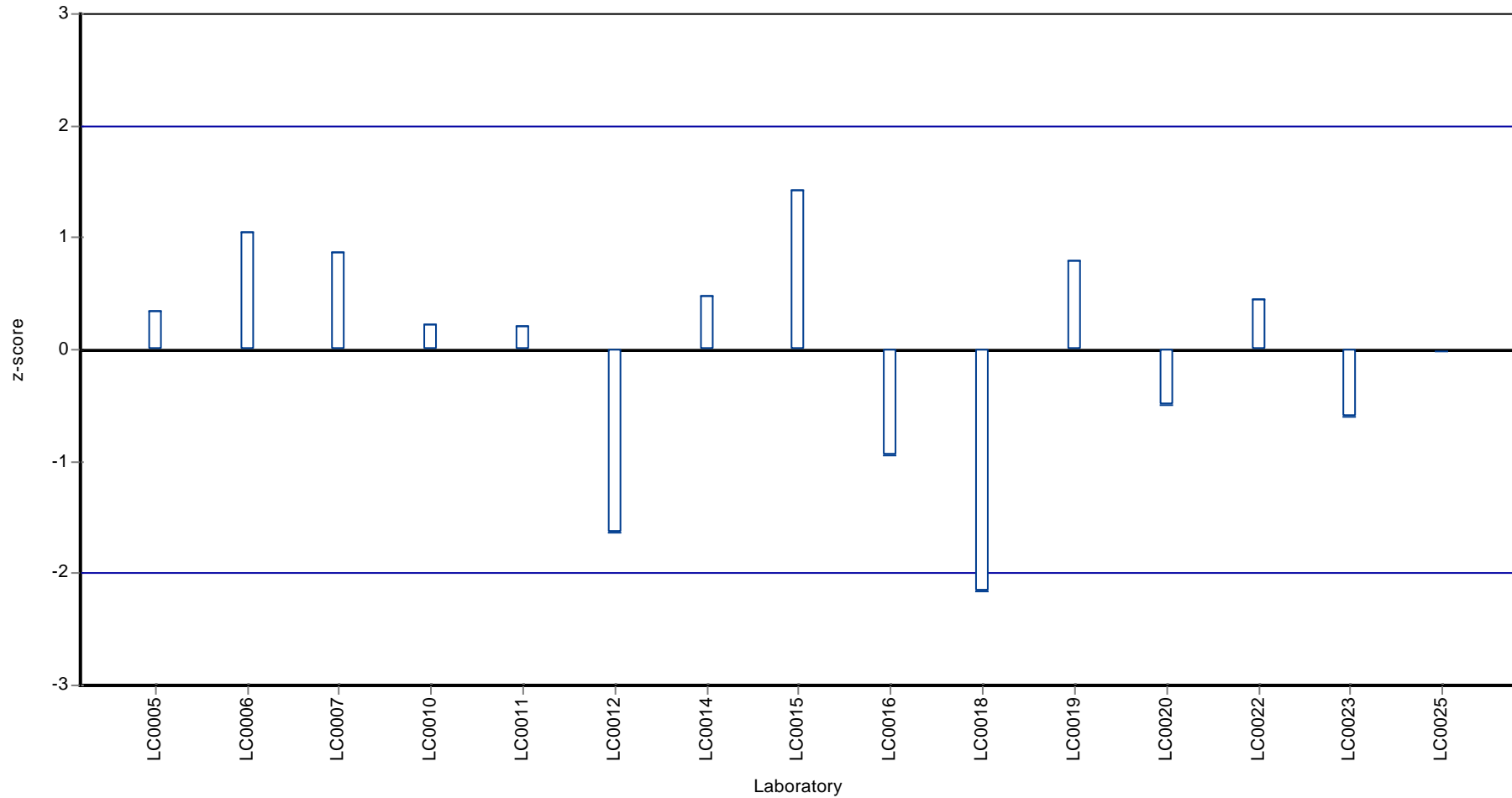
**Graphical presentation of results**  
**Results**



Recovery rate



Z-score



## Parameter oriented report

### H92 A

#### Metolachlor OA

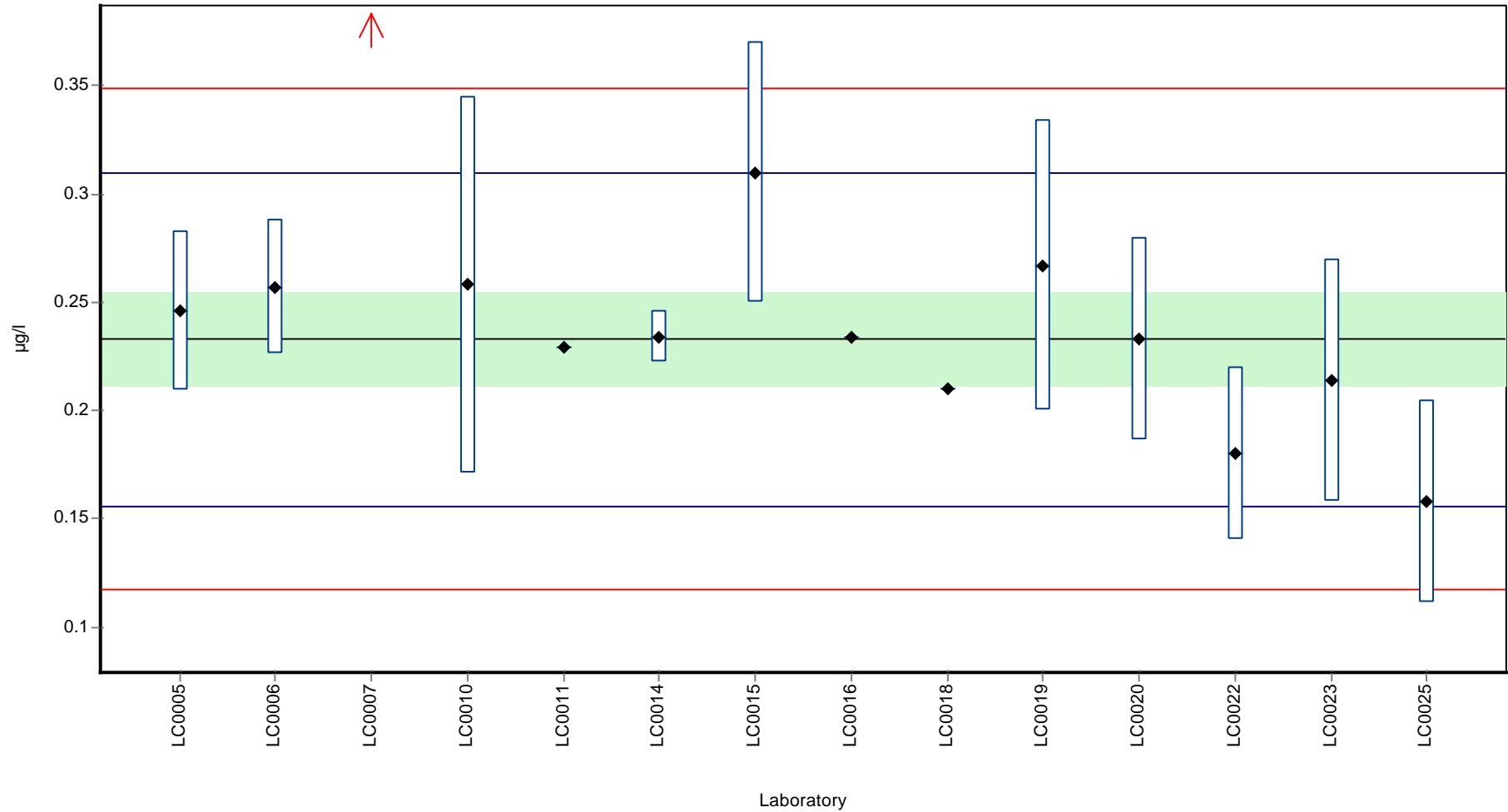
Unit	µg/l
Mean ± CI (99%)	0.233 ± 0.032
Minimum - Maximum	0.158 - 0.31
Check value ± U	0.20 ± 0.0028

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	0.246	0.037	105.5	0.3	
LC0006	0.257	0.031	110.3	0.6	
LC0007	0.420	0.130	180.2	4.9	H
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	0.258	0.087	110.7	0.6	
LC0011	0.229	-	98.3	-0.1	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	0.234	0.012	100.4	0.0	
LC0015	0.310	0.060	133.0	2.0	
LC0016	0.234	-	100.4	0.0	
LC0017	-	-	-	-	
LC0018	0.210	-	90.1	-0.6	
LC0019	0.267	0.067	114.6	0.9	
LC0020	0.233	0.047	100.0	0.0	
LC0021	-	-	-	-	
LC0022	0.180	0.040	77.2	-1.4	
LC0023	0.214	0.056	91.8	-0.5	
LC0024	-	-	-	-	
LC0025	0.158	0.047	67.8	-1.9	
LC0026	-	-	-	-	

#### Characteristics of parameter

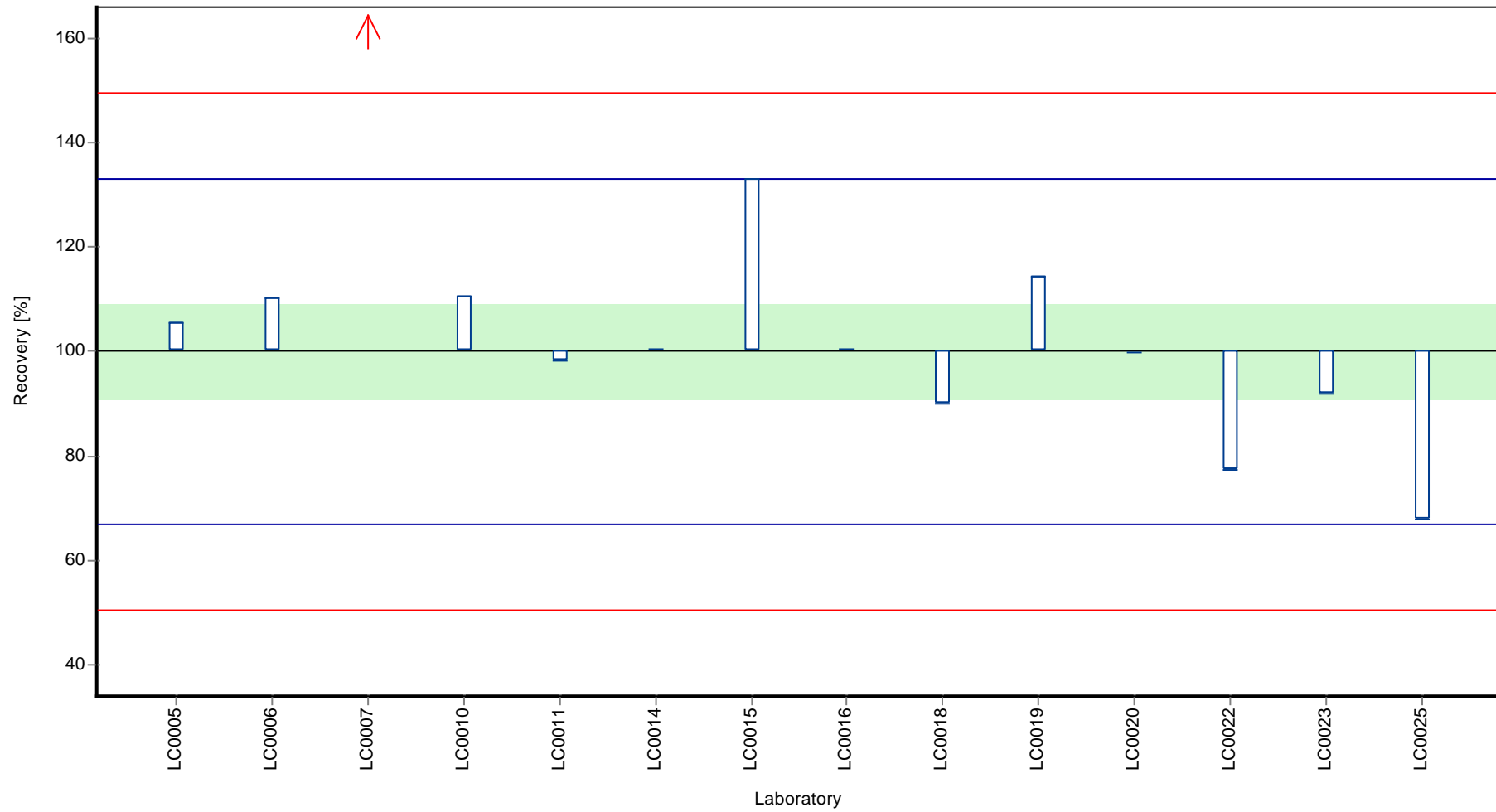
	all results	without outliers	Unit
Mean ± CI (99%)	0.246 ± 0.0498	0.233 ± 0.032	µg/l
Minimum	0.158	0.158	µg/l
Maximum	0.42	0.31	µg/l
Standard deviation	0.0622	0.0385	µg/l
rel. Standard deviation	25.2	16.5	%
n	14	13	-

Graphical presentation of results  
Results





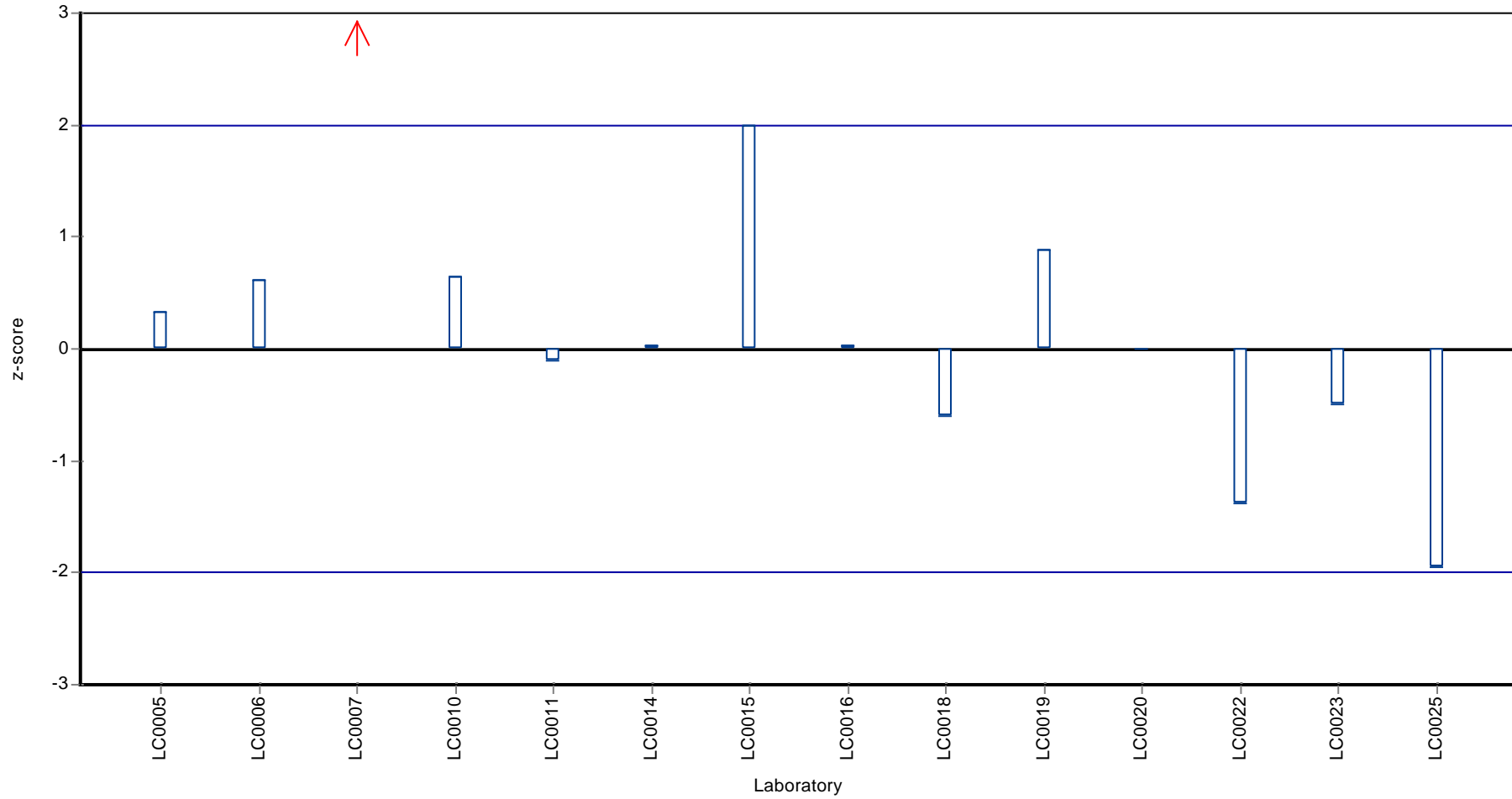
Recovery rate



Parameter oriented report Herbicides - H92

Sample: H92A, Parameter: Metolachlor OA

Z-score



## Parameter oriented report

### H92 B

#### Metolachlor OA

Unit	µg/l
Mean ± CI (99%)	0.435 ± 0.0204
Minimum - Maximum	0.407 - 0.488
Check value ± U	0.39 ± 0.0052

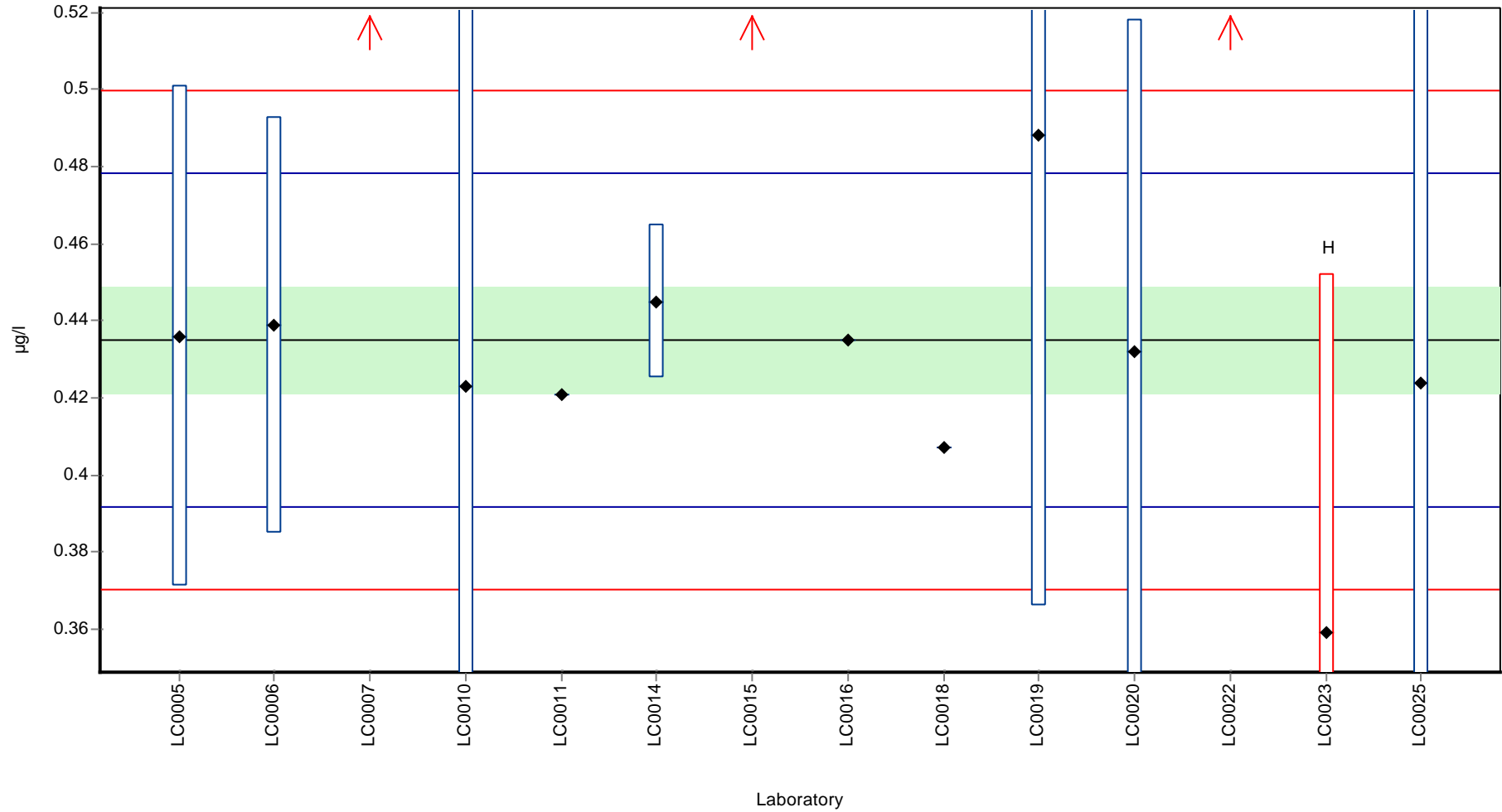
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	0.436	0.065	100.2	0.0	
LC0006	0.439	0.054	100.9	0.2	
LC0007	1.500	0.450	344.8	49.4	H
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	0.423	0.142	97.2	-0.6	
LC0011	0.421	-	96.8	-0.6	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	0.445	0.020	102.3	0.5	
LC0015	0.530	0.110	121.8	4.4	H
LC0016	0.435	-	100.0	0.0	
LC0017	-	-	-	-	
LC0018	0.407	-	93.6	-1.3	
LC0019	0.488	0.122	112.2	2.5	
LC0020	0.432	0.086	99.3	-0.1	
LC0021	-	-	-	-	
LC0022	0.570	0.110	131.0	6.3	H
LC0023	0.359	0.093	82.5	-3.5	H
LC0024	-	-	-	-	
LC0025	0.424	0.127	97.5	-0.5	
LC0026	-	-	-	-	

#### Characteristics of parameter

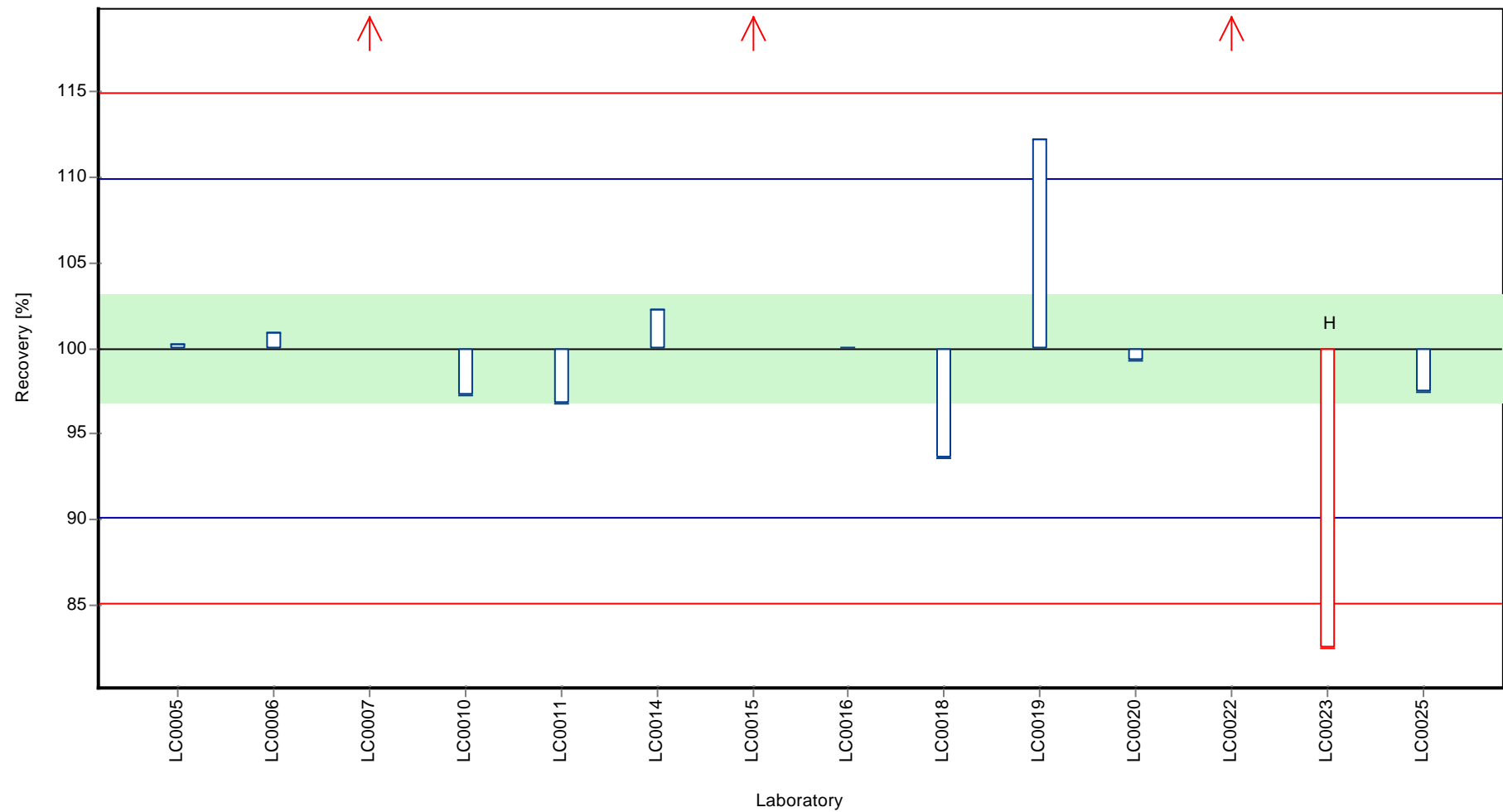
	all results	without outliers	Unit
Mean ± CI (99%)	0.522 ± 0.23	0.435 ± 0.0204	µg/l
Minimum	0.359	0.407	µg/l
Maximum	1.5	0.488	µg/l
Standard deviation	0.286	0.0216	µg/l
rel. Standard deviation	54.8	4.95 %	
n	14	10	-

Graphical presentation of results

Results



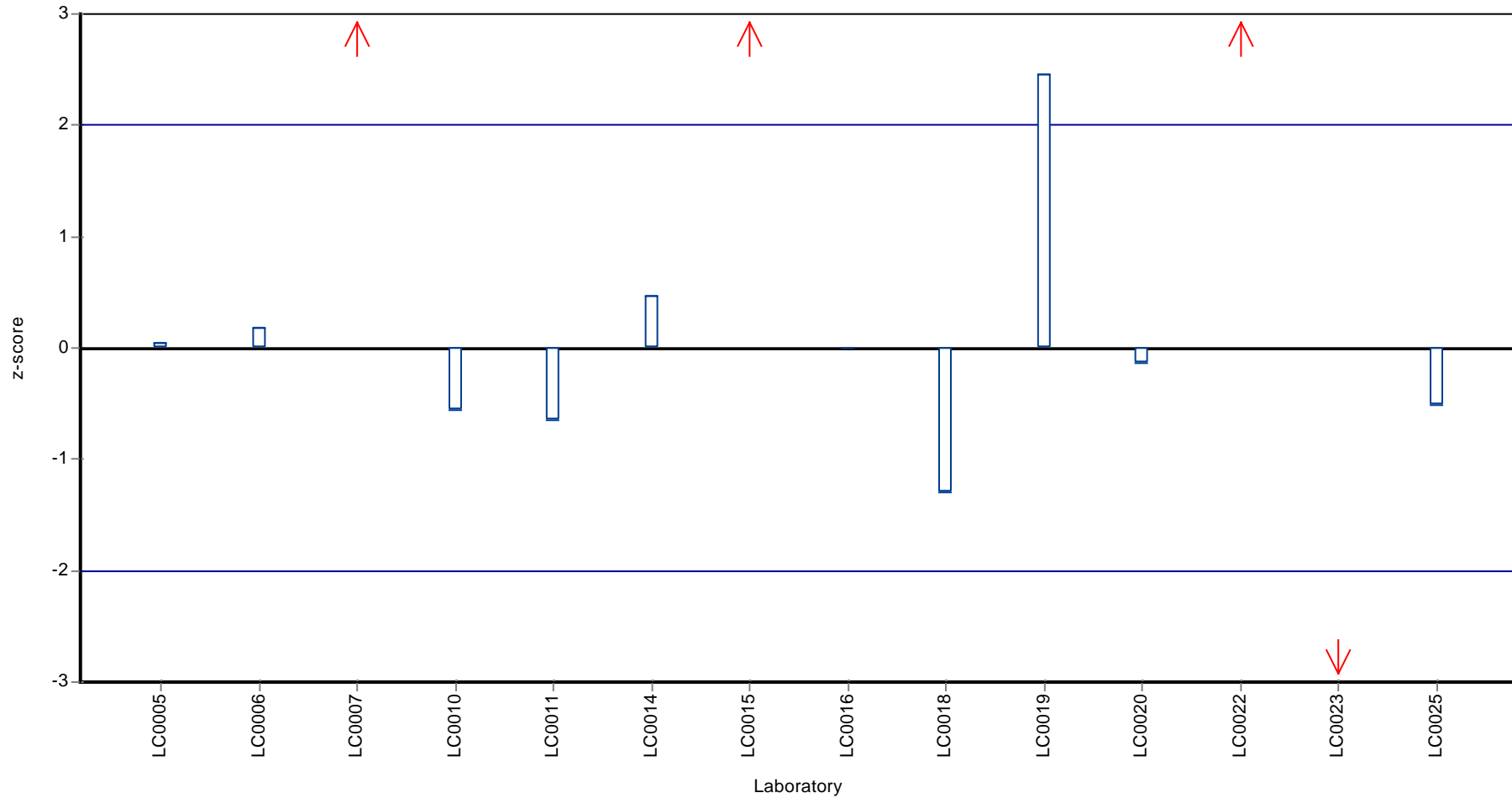
Recovery rate



Parameter oriented report Herbicides - H92

Sample: H92B, Parameter: Metolachlor OA

Z-score



## Parameter oriented report

### H92 A

#### Alachlor ESA

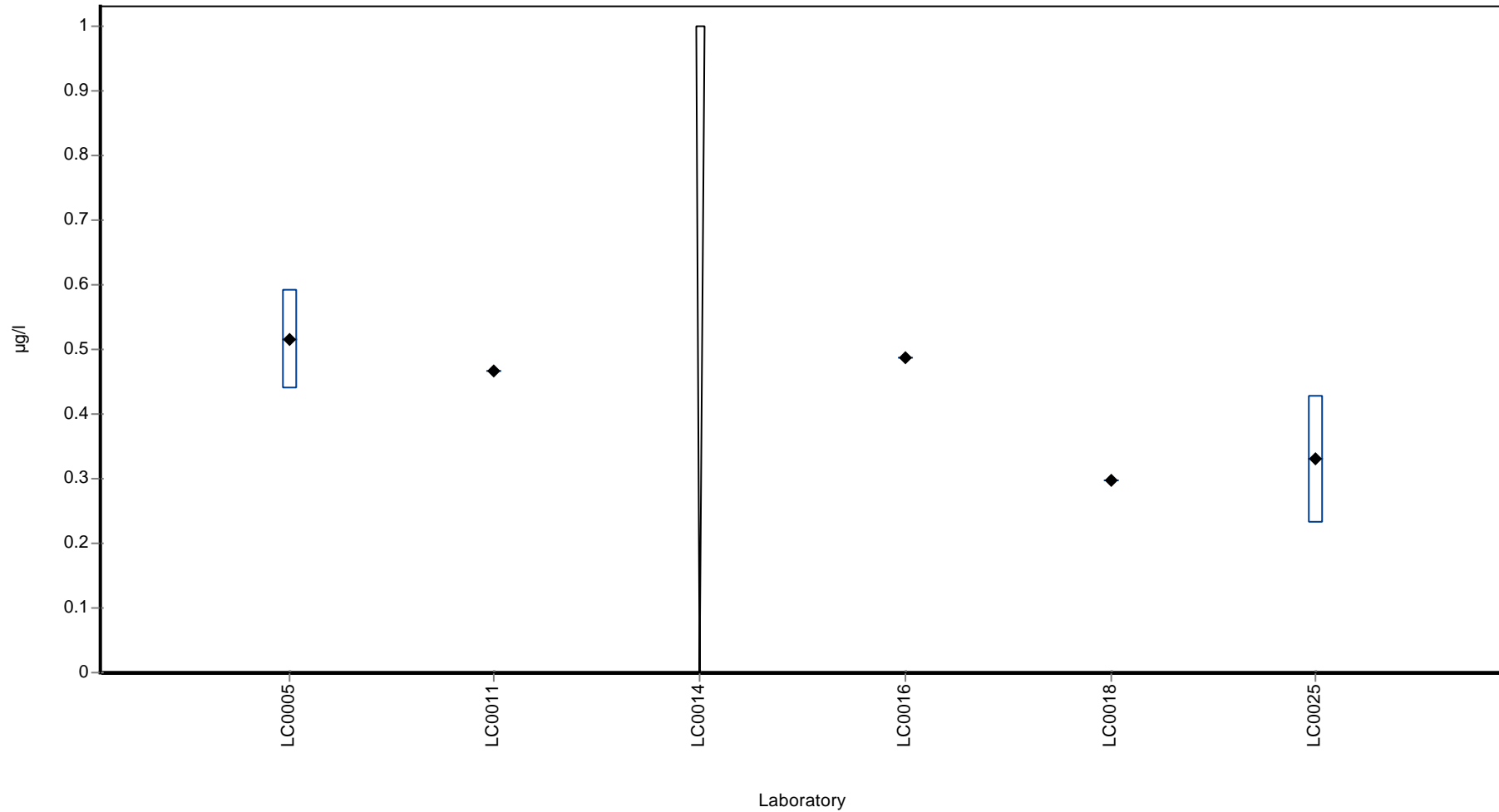
Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.298 - 0.515
Check value ± U	0.43 ± 0.01

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	0.515	0.077	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.466	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	< 1 (LOQ)	-	-	-	
LC0015	-	-	-	-	
LC0016	0.486	-	-	-	
LC0017	-	-	-	-	
LC0018	0.298	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	0.330	0.099	-	-	
LC0026	-	-	-	-	

#### Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.419 ± 0.132	-	µg/l
Minimum	0.298	0.298	µg/l
Maximum	0.515	0.515	µg/l
Standard deviation	0.0981	-	µg/l
rel. Standard deviation	23.4	-	%
n	5	5	-

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





## Parameter oriented report

### H92 B

#### Alachlor ESA

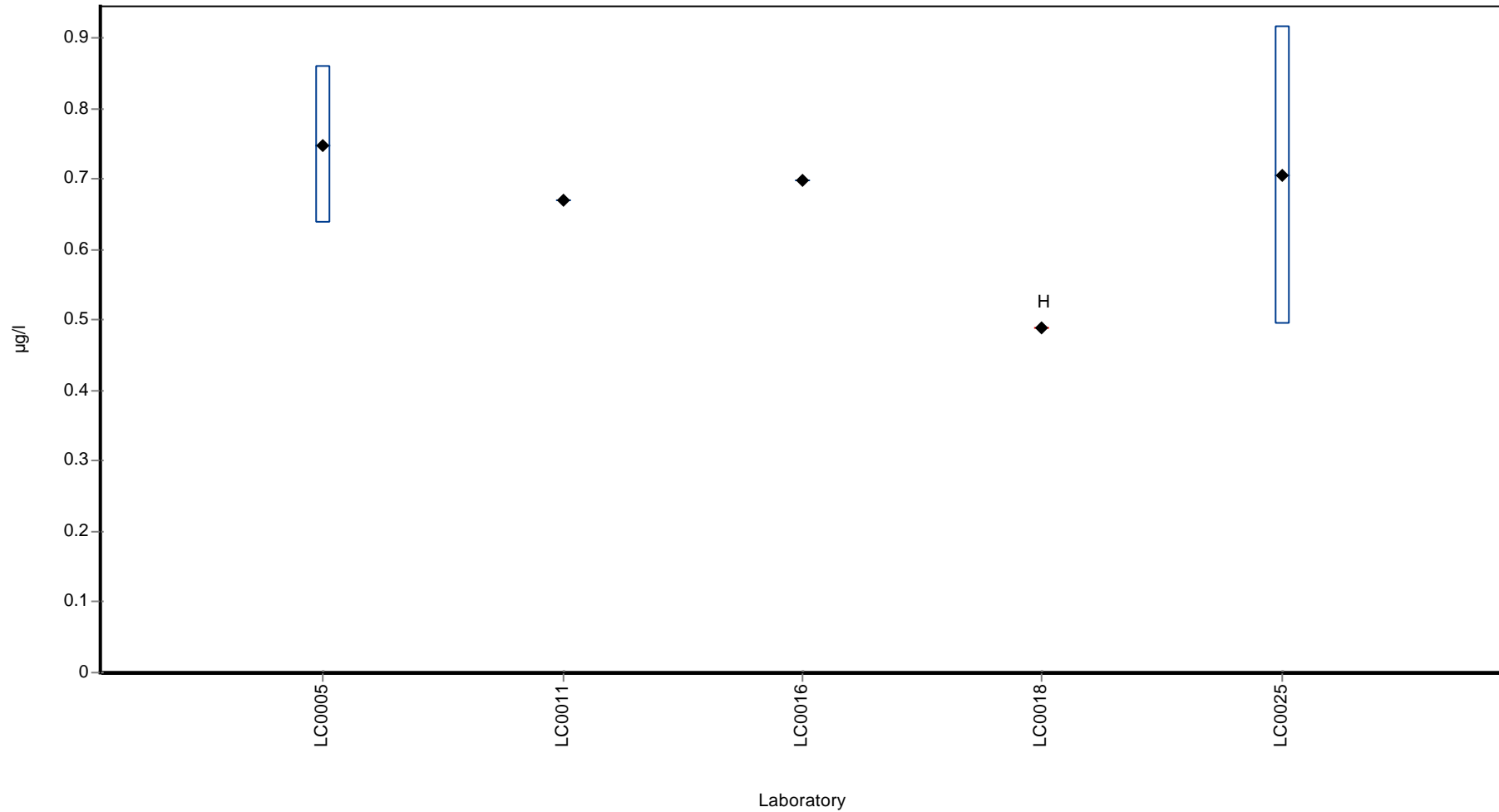
Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.671 - 0.748
Check value ± U	0.62 ± 0.012

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	0.748	0.112	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.671	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.699	-	-	-	
LC0017	-	-	-	-	
LC0018	0.489	-	-	-	H
LC0019	-	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	-	-	-	-	
LC0024	-	-	-	-	
LC0025	0.705	0.212	-	-	
LC0026	-	-	-	-	

#### Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.662 ± 0.135	-	µg/l
Minimum	0.489	0.671	µg/l
Maximum	0.748	0.748	µg/l
Standard deviation	0.101	-	µg/l
rel. Standard deviation	15.2	-	%
n	5	4	-

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



## Parameter oriented report

### H92 A

#### Alachlor OA

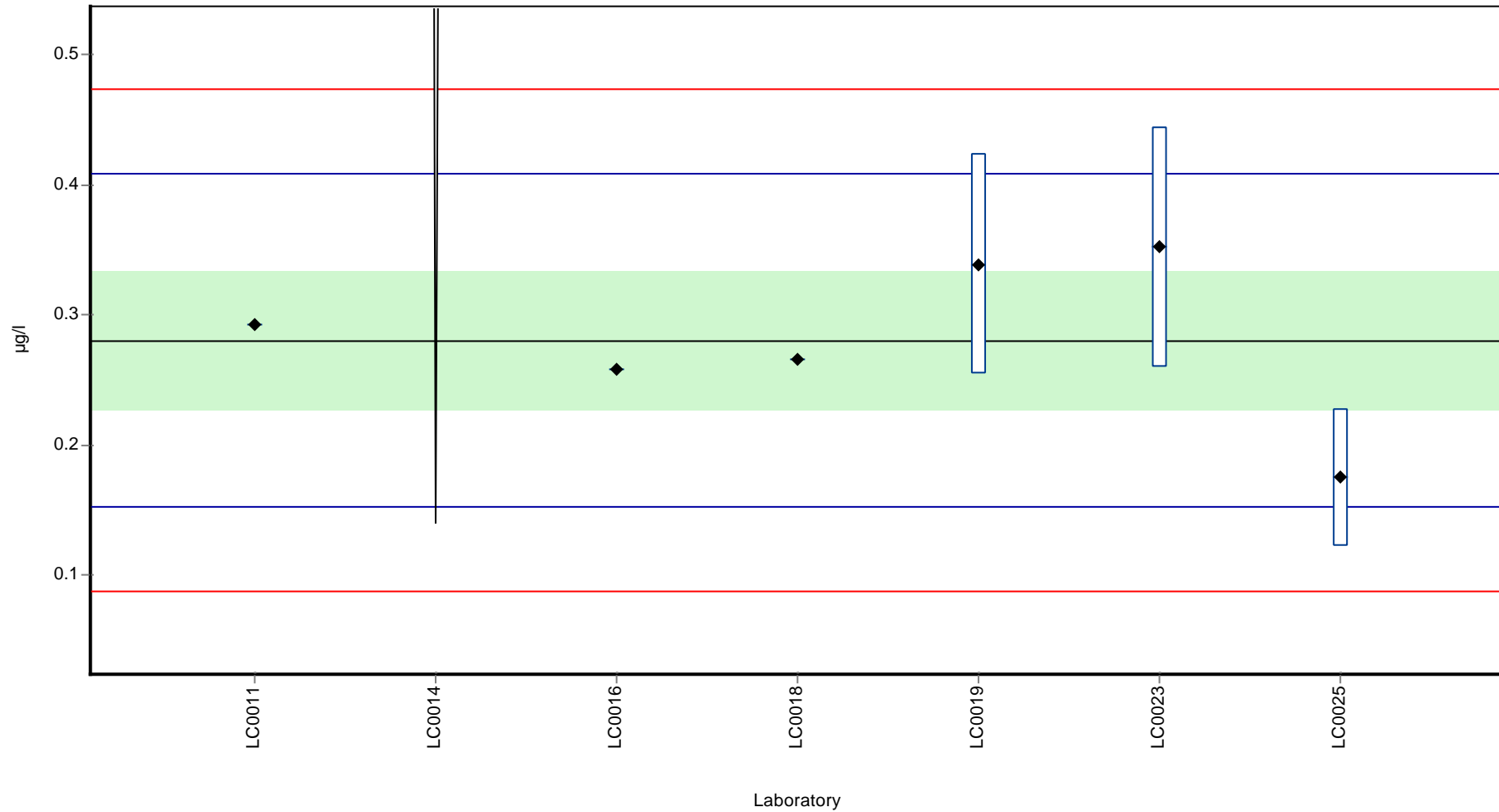
Unit	µg/l
Mean ± CI (99%)	0.281 ± 0.0785
Minimum - Maximum	0.175 - 0.352
Check value ± U	0.37 ± 0.009

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.293	-	104.5	0.2	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	< 1 (LOQ)	-	-	-	
LC0015	-	-	-	-	
LC0016	0.258	-	92.0	-0.4	
LC0017	-	-	-	-	
LC0018	0.266	-	94.8	-0.2	
LC0019	0.339	0.085	120.9	0.9	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	0.352	0.092	125.5	1.1	
LC0024	-	-	-	-	
LC0025	0.175	0.053	62.4	-1.6	
LC0026	-	-	-	-	

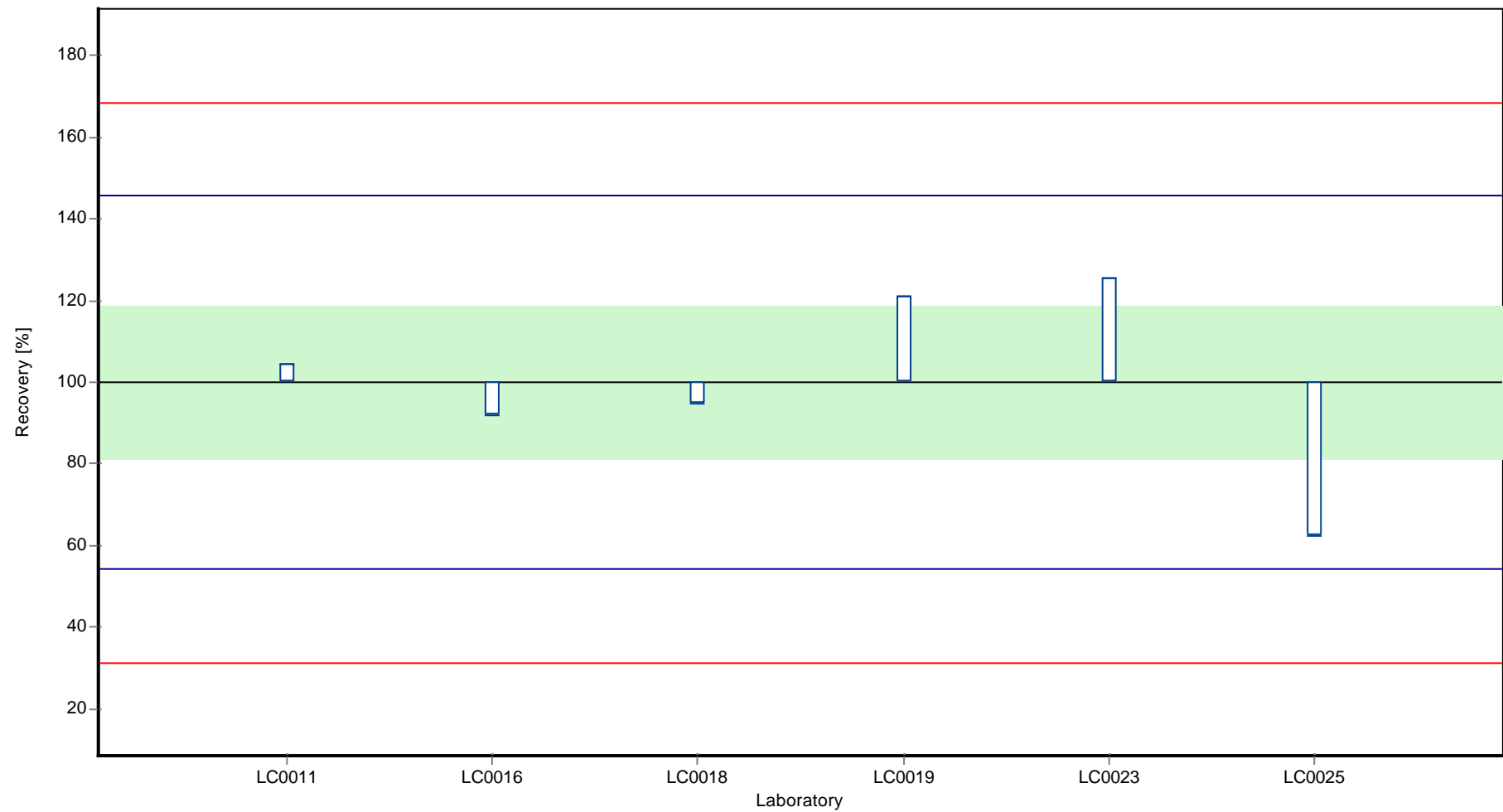
#### Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.281 ± 0.0785	0.281 ± 0.0785	µg/l
Minimum	0.175	0.175	µg/l
Maximum	0.352	0.352	µg/l
Standard deviation	0.0641	0.0641	µg/l
rel. Standard deviation	22.8	22.8	%
n	6	6	-

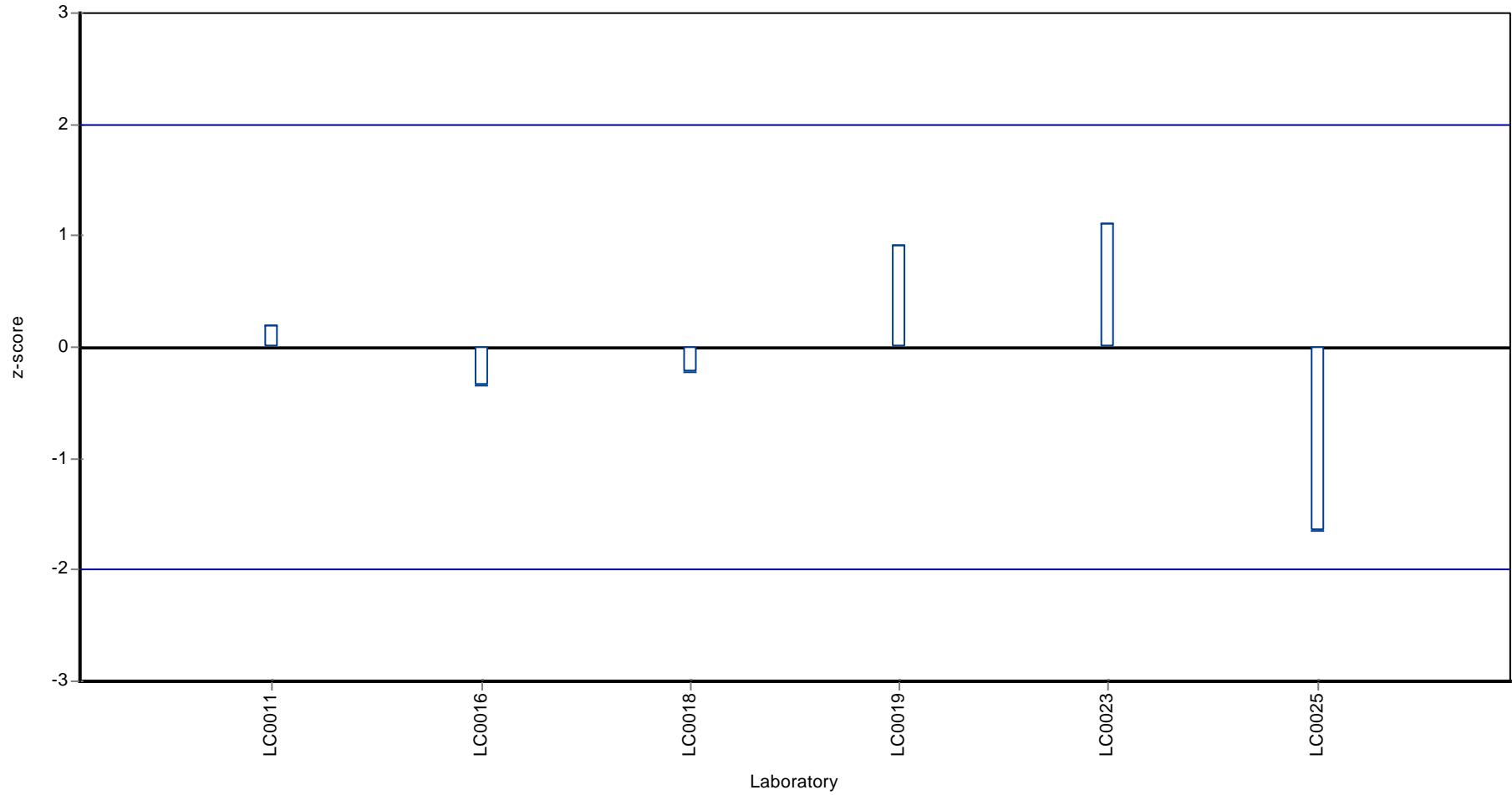
**Graphical presentation of results**  
**Results**



**Recovery rate**



Z-score



## Parameter oriented report

### H92 B

#### Alachlor OA

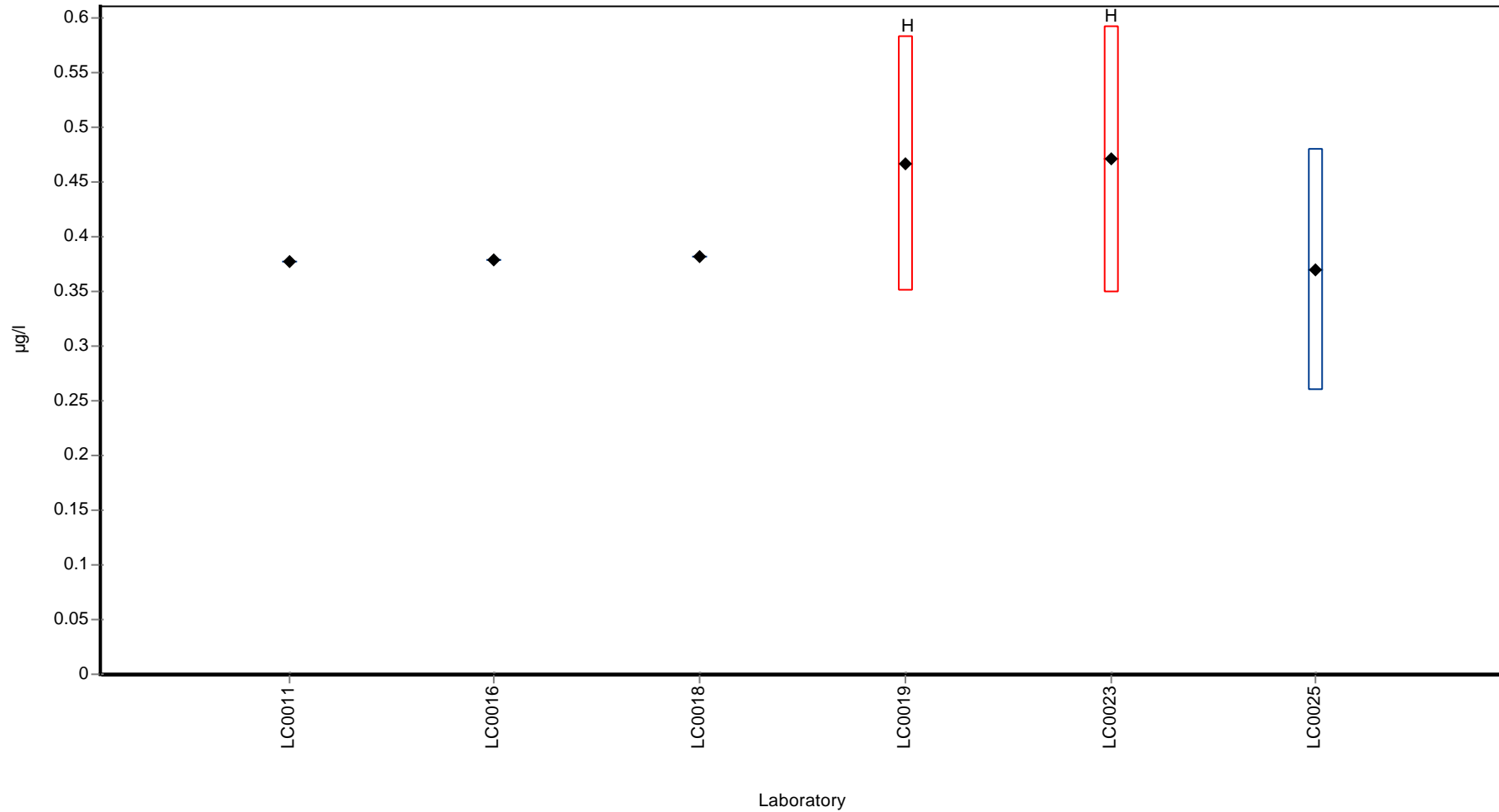
Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.37 - 0.382
Check value ± U	0.47 ± 0.0057

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.378	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.379	-	-	-	
LC0017	-	-	-	-	
LC0018	0.382	-	-	-	
LC0019	0.467	0.117	-	-	H
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	0.471	0.122	-	-	H
LC0024	-	-	-	-	
LC0025	0.370	0.111	-	-	
LC0026	-	-	-	-	

#### Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.408 ± 0.0583	-	µg/l
Minimum	0.37	0.37	µg/l
Maximum	0.471	0.382	µg/l
Standard deviation	0.0476	-	µg/l
rel. Standard deviation	11.7	-	%
n	6	4	-

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





## Parameter oriented report

### H92 A

#### Metazachlor ESA

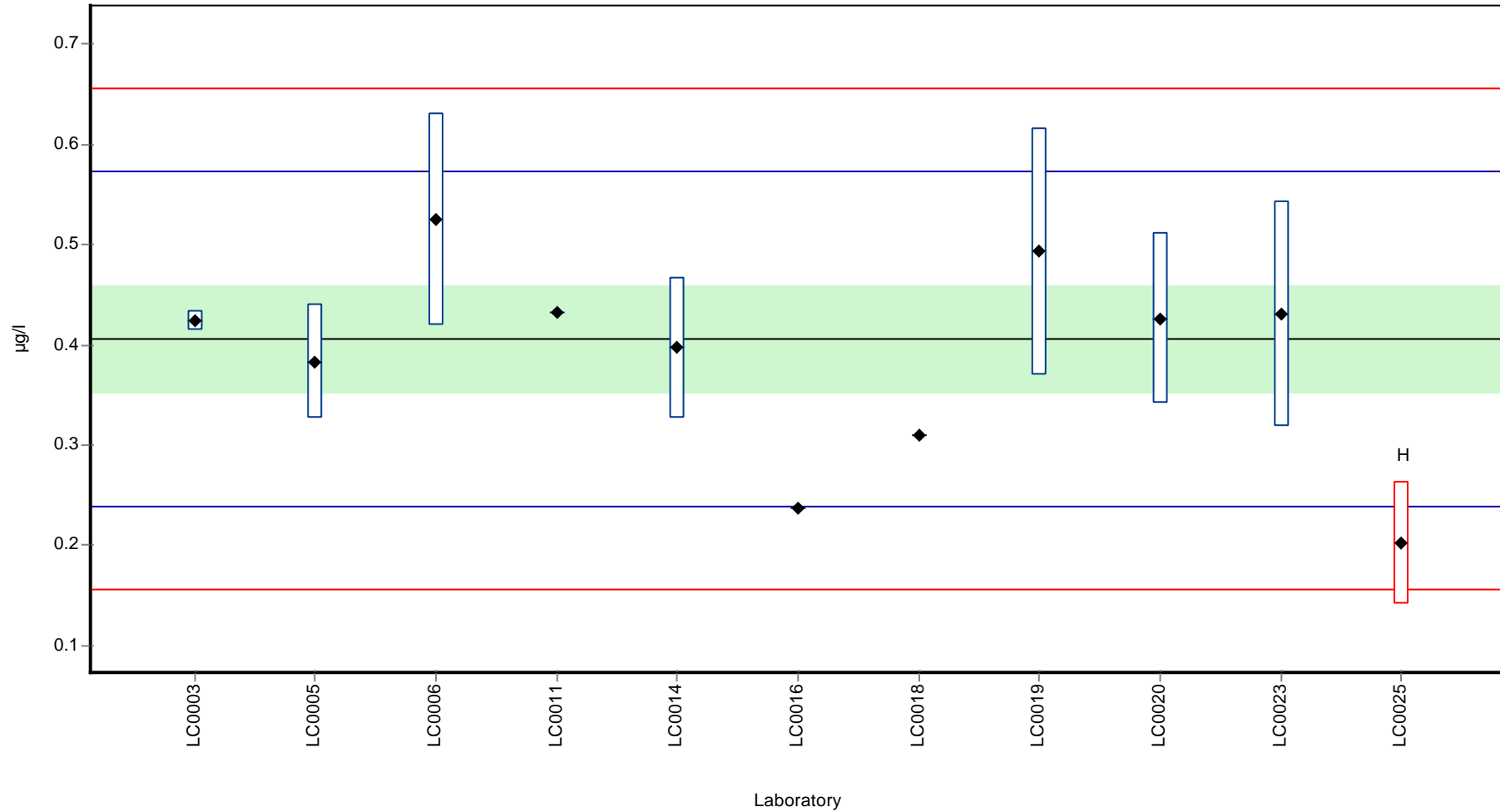
Unit	µg/l
Mean ± CI (99%)	0.406 ± 0.0789
Minimum - Maximum	0.237 - 0.525
Check value ± U	0.45 ± 0.0062

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.424	0.010	104.5	0.2	
LC0004	-	-	-	-	
LC0005	0.383	0.057	94.4	-0.3	
LC0006	0.525	0.106	129.3	1.4	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.433	-	106.7	0.3	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	0.397	0.070	97.8	-0.1	
LC0015	-	-	-	-	
LC0016	0.237	-	58.4	-2.0	
LC0017	-	-	-	-	
LC0018	0.310	-	76.4	-1.2	
LC0019	0.493	0.123	121.5	1.0	
LC0020	0.426	0.085	105.0	0.2	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	0.431	0.112	106.2	0.3	
LC0024	-	-	-	-	
LC0025	0.203	0.061	50.0	-2.4	H
LC0026	-	-	-	-	

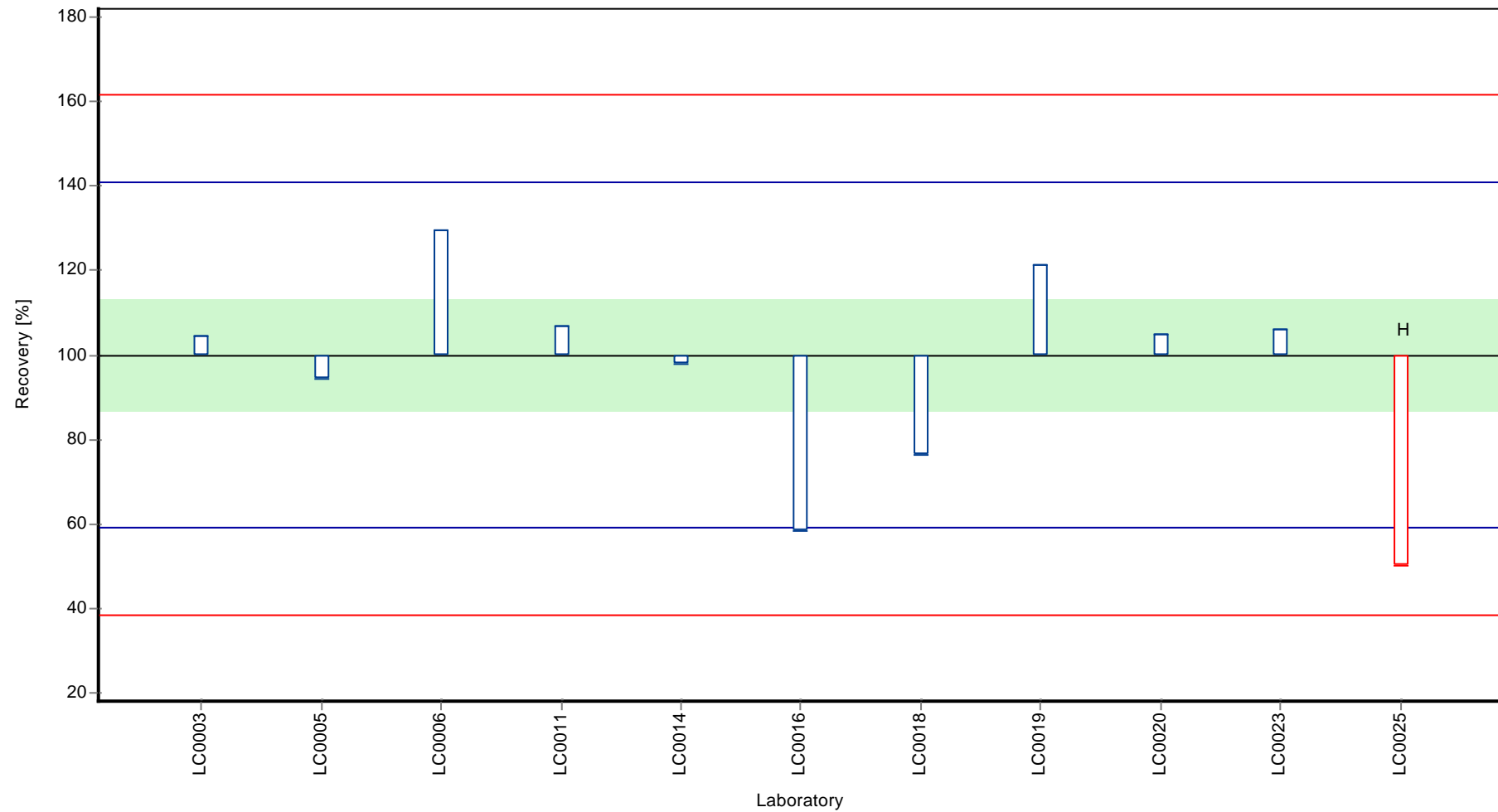
#### Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.387 ± 0.0903	0.406 ± 0.0789	µg/l
Minimum	0.203	0.237	µg/l
Maximum	0.525	0.525	µg/l
Standard deviation	0.0998	0.0831	µg/l
rel. Standard deviation	25.8	20.5	%
n	11	10	-

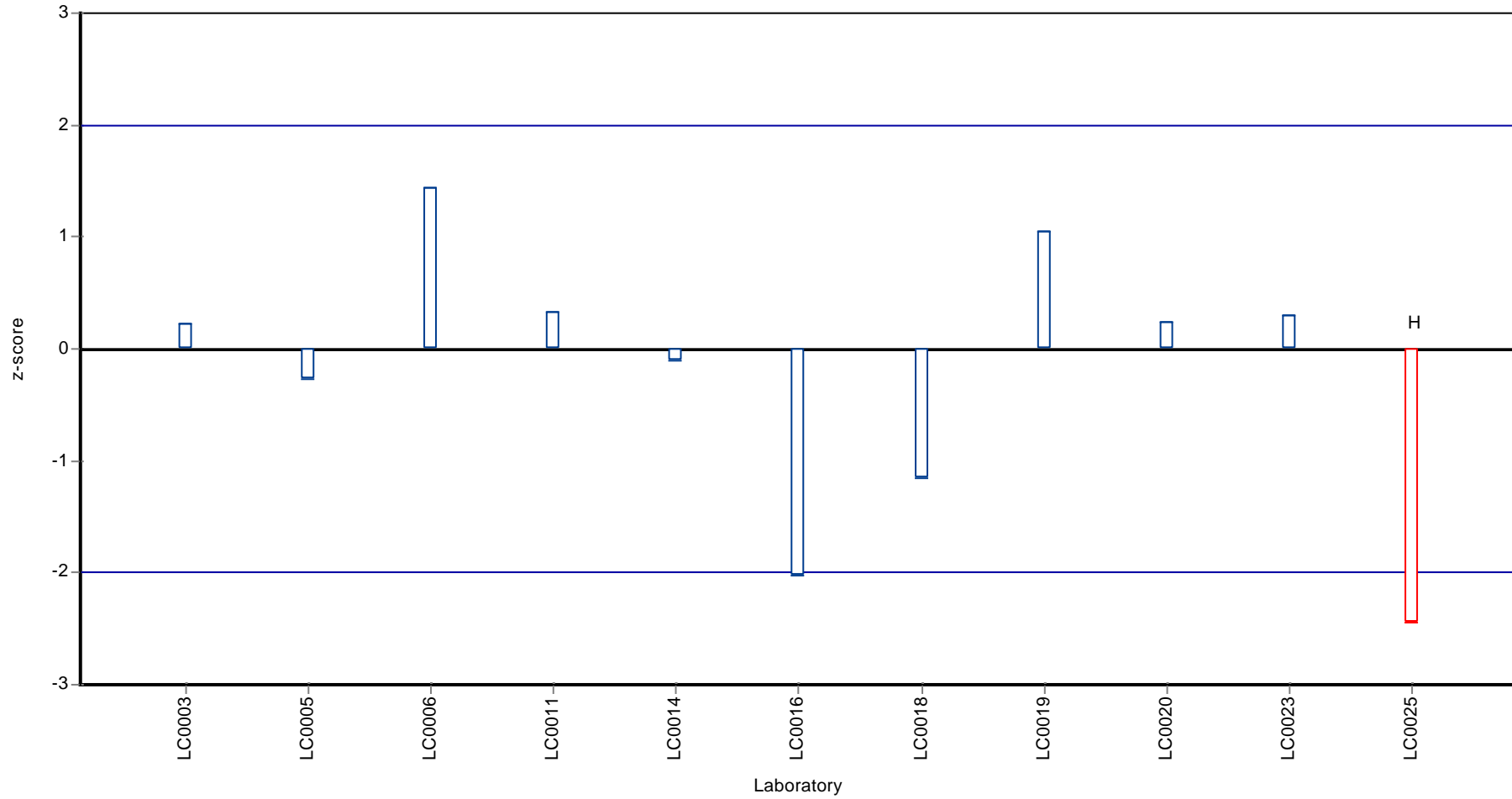
**Graphical presentation of results**  
**Results**



Recovery rate



Z-score



## Parameter oriented report

### H92 B

#### Metazachlor ESA

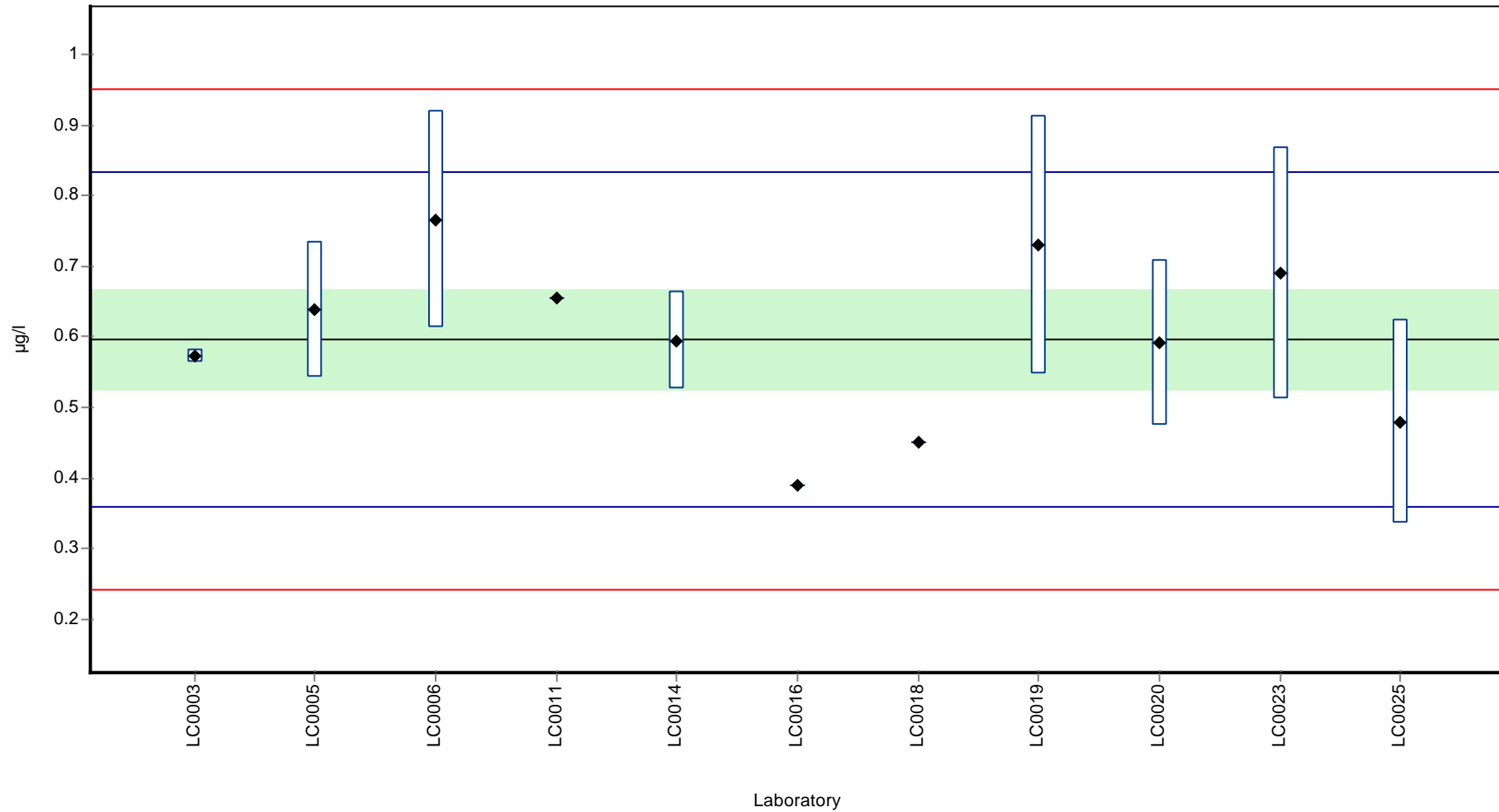
Unit	µg/l
Mean ± CI (99%)	0.596 ± 0.107
Minimum - Maximum	0.389 - 0.766
Check value ± U	0.73 ± 0.022

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.573	0.010	96.1	-0.2	
LC0004	-	-	-	-	
LC0005	0.639	0.096	107.1	0.4	
LC0006	0.766	0.154	128.4	1.4	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.655	-	109.8	0.5	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	0.595	0.070	99.8	0.0	
LC0015	-	-	-	-	
LC0016	0.389	-	65.2	-1.8	
LC0017	-	-	-	-	
LC0018	0.451	-	75.6	-1.2	
LC0019	0.730	0.182	122.4	1.1	
LC0020	0.592	0.118	99.3	0.0	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	0.690	0.179	115.7	0.8	
LC0024	-	-	-	-	
LC0025	0.480	0.144	80.5	-1.0	
LC0026	-	-	-	-	

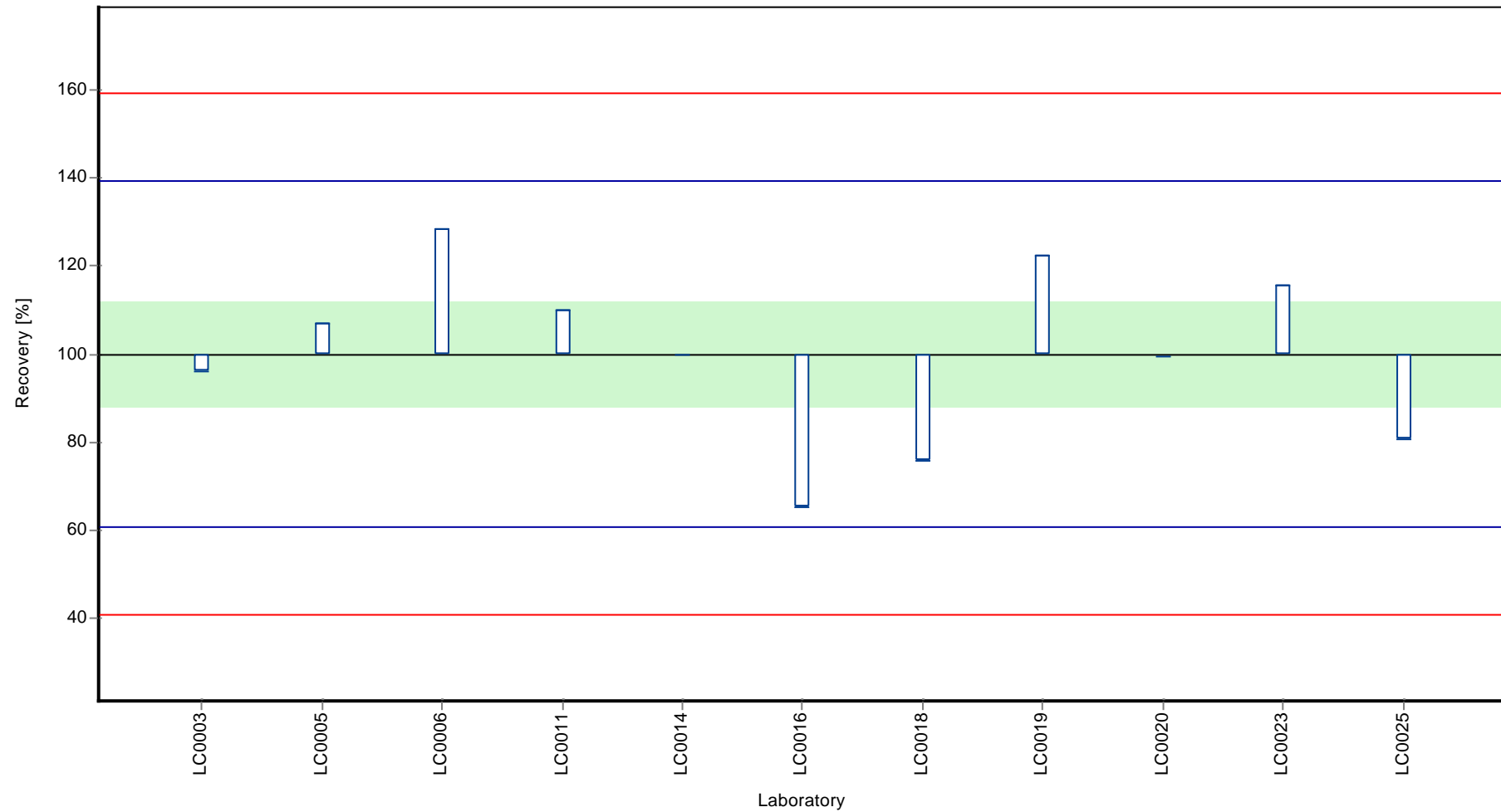
#### Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.596 ± 0.107	0.596 ± 0.107	µg/l
Minimum	0.389	0.389	µg/l
Maximum	0.766	0.766	µg/l
Standard deviation	0.118	0.118	µg/l
rel. Standard deviation	19.8	19.8	%
n	11	11	-

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



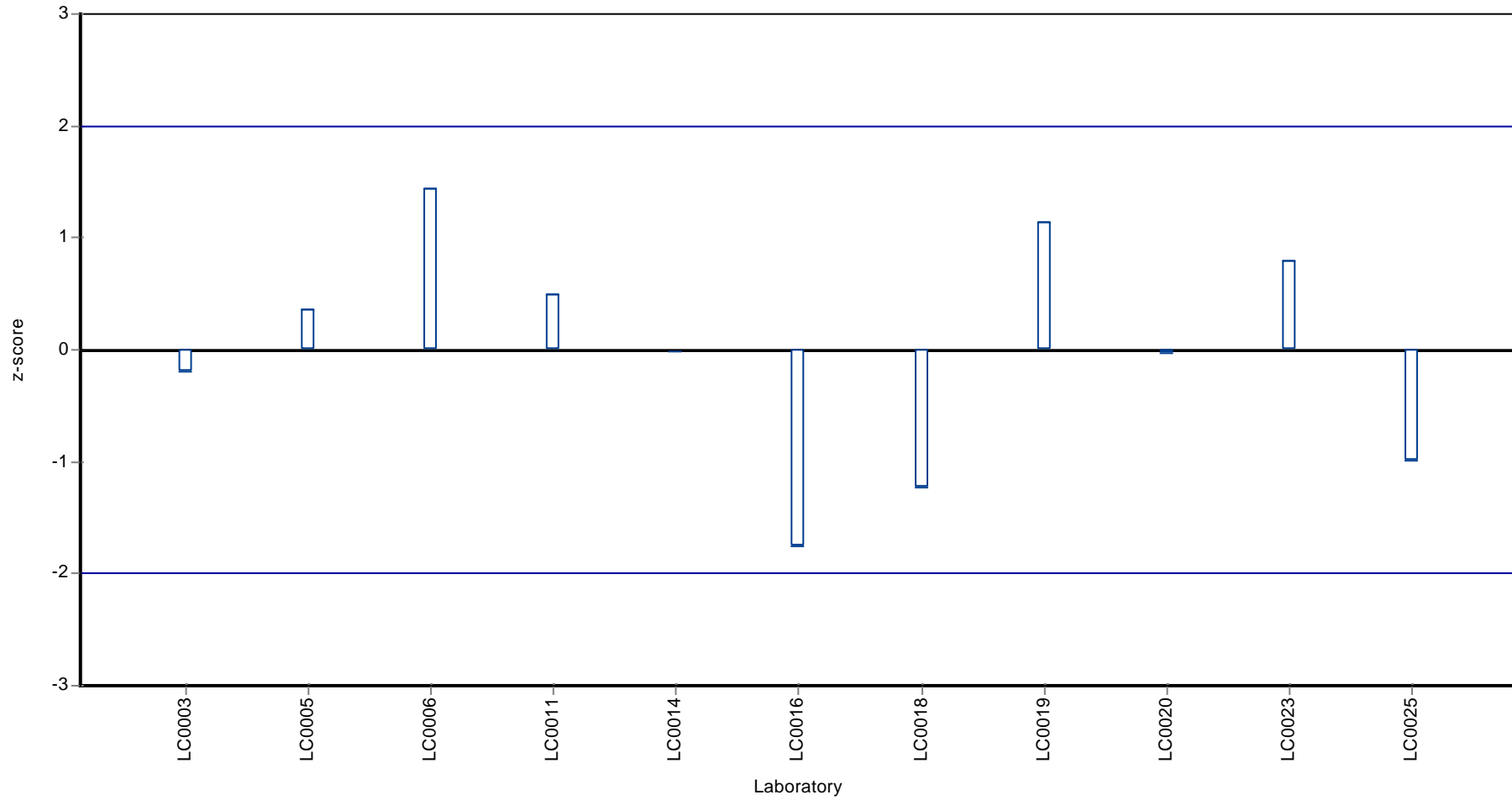
Recovery rate



Parameter oriented report Herbicides - H92

Sample: H92B, Parameter: Metazachlor ESA

Z-score





## Parameter oriented report

### H92 A

#### Metazachlor OA

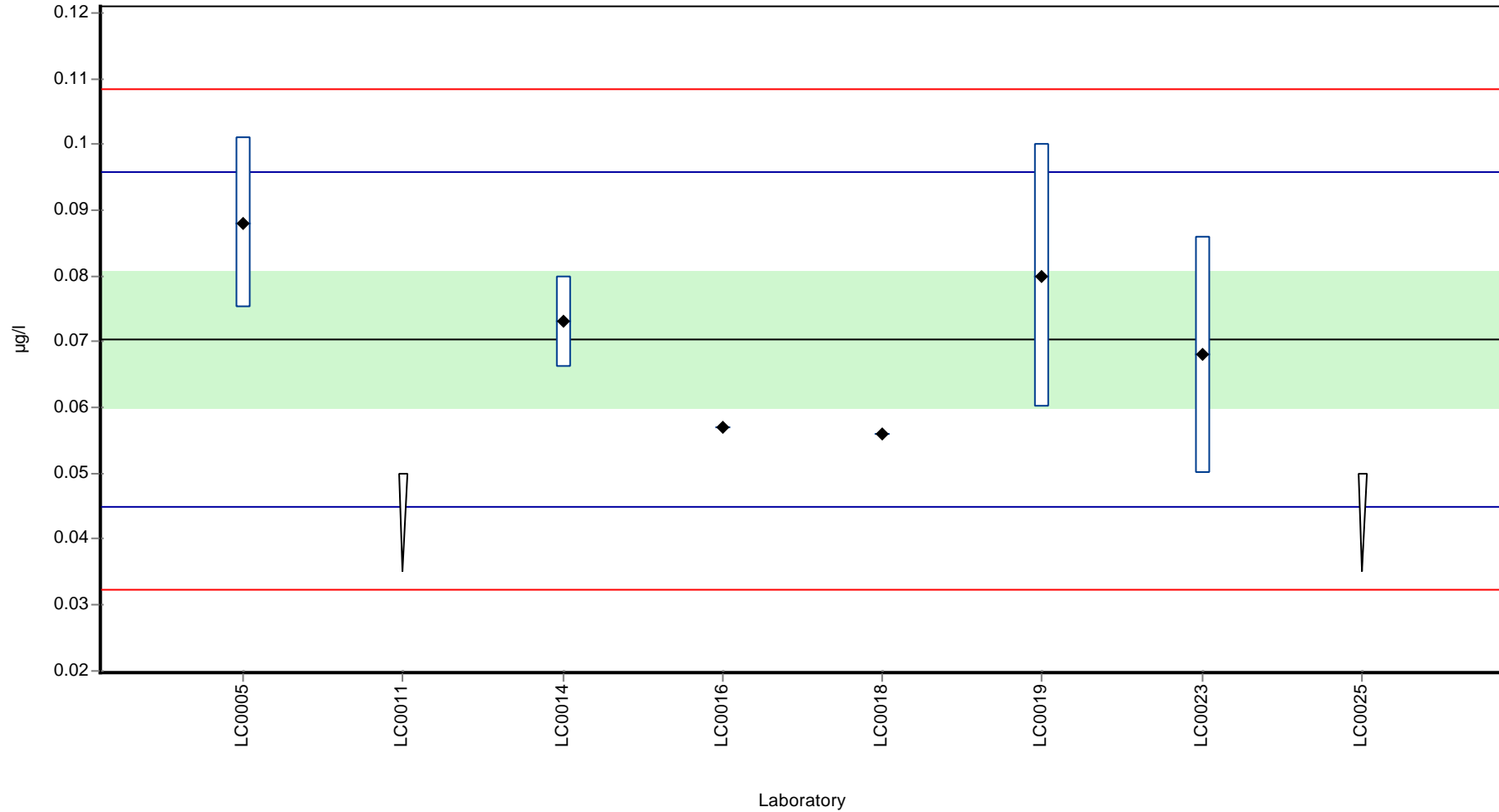
Unit	µg/l
Mean ± CI (99%)	0.0703 ± 0.0155
Minimum - Maximum	0.056 - 0.088
Check value ± U	0.088 ± 0.0034

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	0.088	0.013	125.1	1.4	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	< 0.05 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	0.073	0.007	103.8	0.2	
LC0015	-	-	-	-	
LC0016	0.057	-	81.0	-1.1	
LC0017	-	-	-	-	
LC0018	0.056	-	79.6	-1.1	
LC0019	0.080	0.020	113.7	0.8	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	0.068	0.018	96.7	-0.2	
LC0024	-	-	-	-	
LC0025	< 0.05 (LOQ)	-	-	-	
LC0026	-	-	-	-	

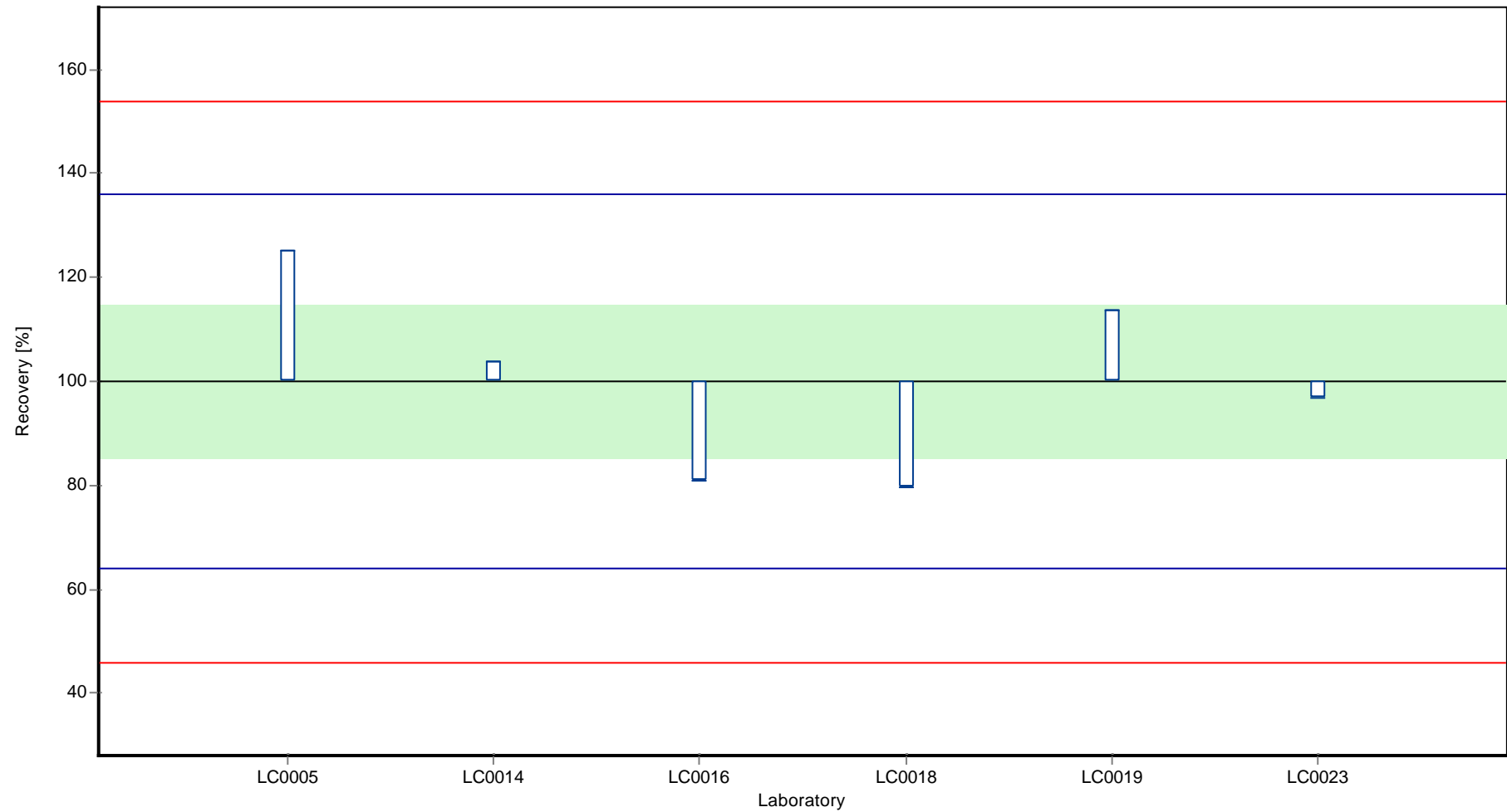
#### Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.0703 ± 0.0155	0.0703 ± 0.0155	µg/l
Minimum	0.056	0.056	µg/l
Maximum	0.088	0.088	µg/l
Standard deviation	0.0127	0.0127	µg/l
rel. Standard deviation	18	18	%
n	6	6	-

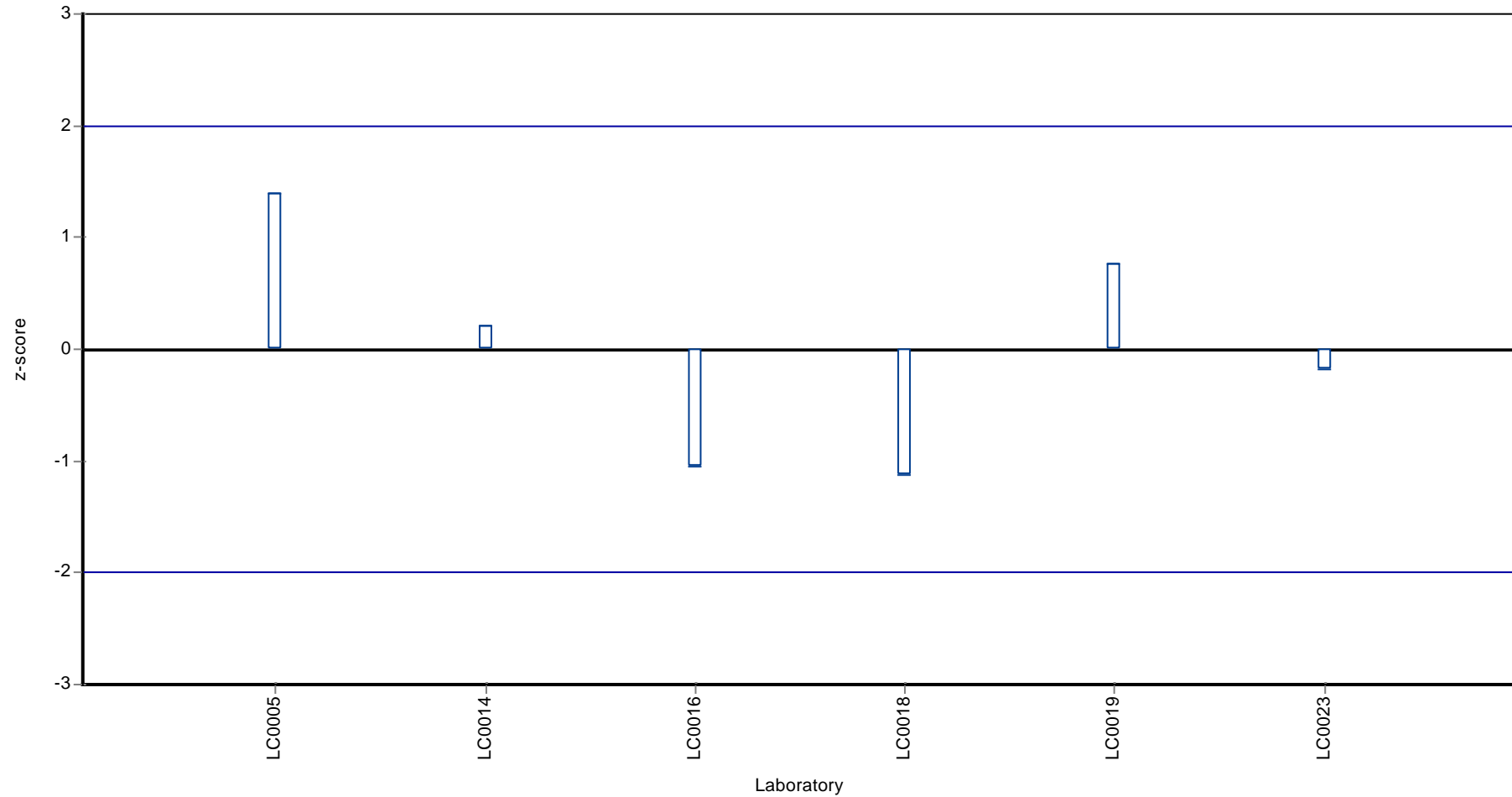
**Graphical presentation of results**  
**Results**



**Recovery rate**



Z-score



## Parameter oriented report

### H92 B

#### Metazachlor OA

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

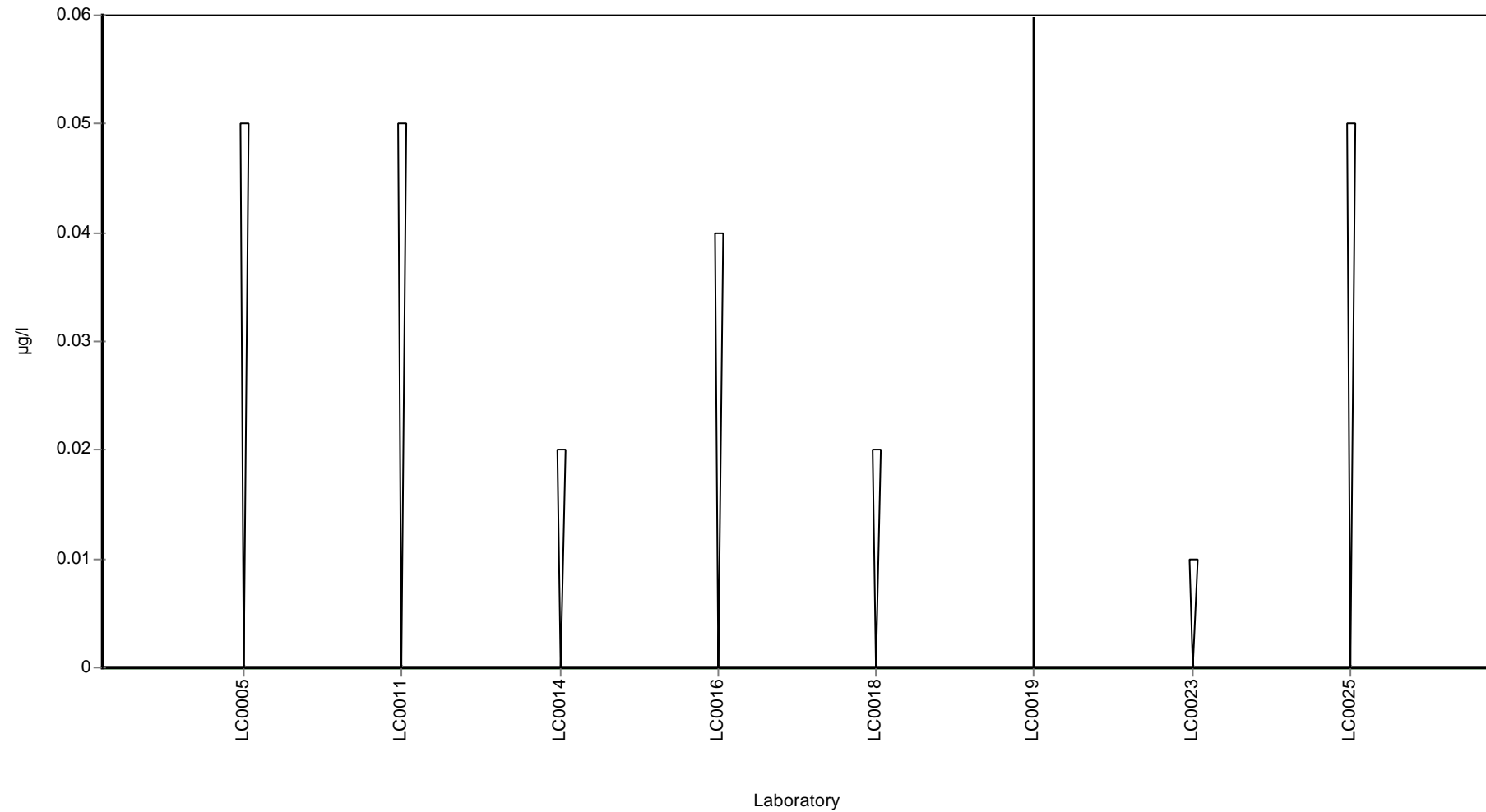
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	< 0.05 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	< 0.05 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	< 0.02 (LOQ)	-	-	-	
LC0015	-	-	-	-	
LC0016	< 0.04 (LOQ)	-	-	-	
LC0017	-	-	-	-	
LC0018	< 0.02 (LOQ)	-	-	-	
LC0019	< 20 (LOQ)	-	-	-	
LC0020	-	-	-	-	
LC0021	-	-	-	-	
LC0022	-	-	-	-	
LC0023	< 0.01 (LOQ)	-	-	-	
LC0024	-	-	-	-	
LC0025	< 0.05 (LOQ)	-	-	-	
LC0026	-	-	-	-	

#### 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



## 8 Laboratory oriented report

The laboratory oriented report is sorted by laboratory code.

The following results were achieved:

Sample: H92A

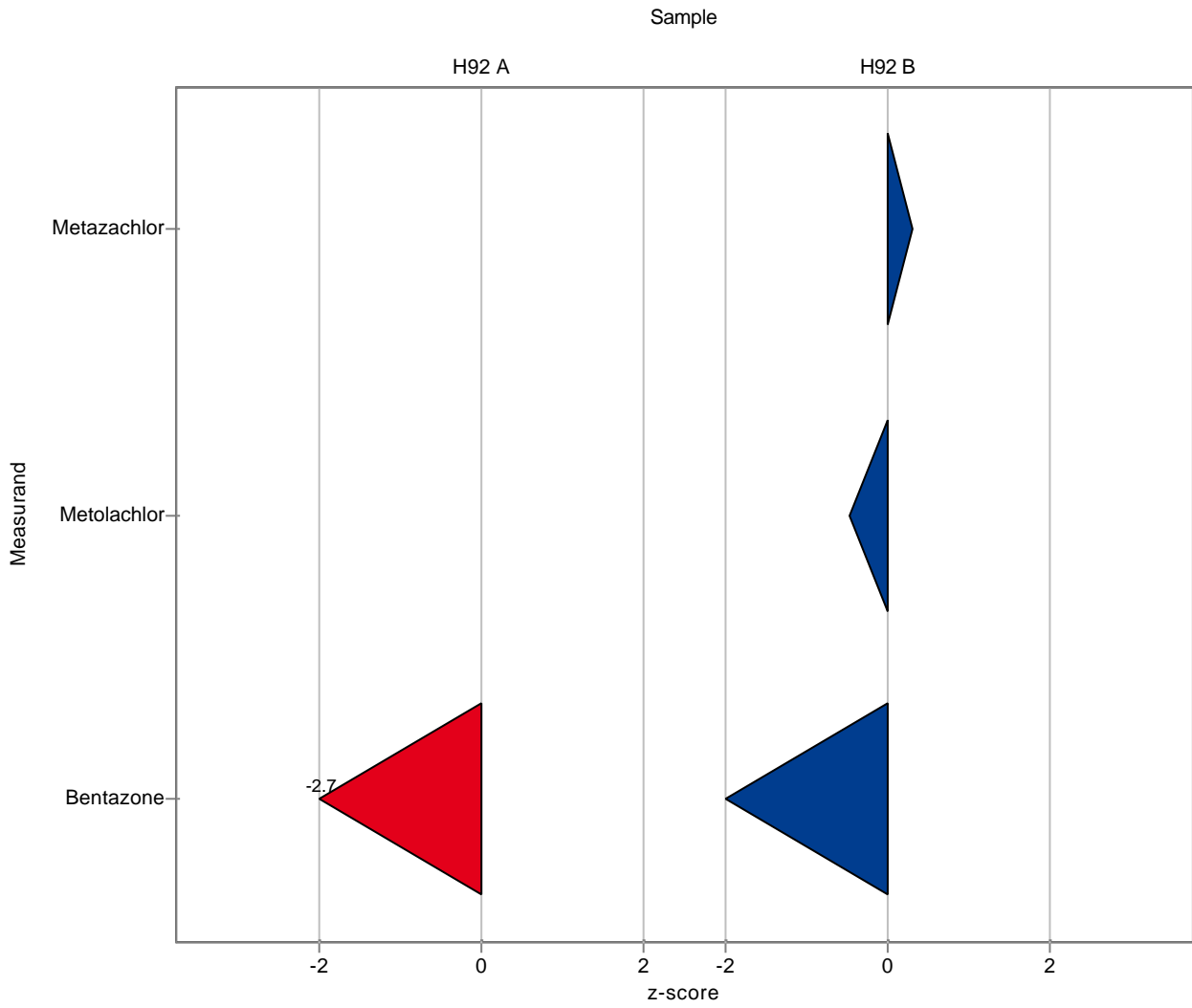
Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor	µg/l	-	± -	-	-	-	-	-
Metazachlor	µg/l	-	± -	-	-	-	-	-
Metolachlor	µg/l	-	± -	-	-	-	-	-
2,4-D	µg/l	0.356	± 0.0442	-	-	0.0571	-	-
Bentazone	µg/l	0.238	± 0.0209	0.16	0.02	0.0296	67.1	-2.65
Dicamba	µg/l	0.466	± 0.089	-	-	0.0984	-	-
Dichlorprop	µg/l	0.436	± 0.043	-	-	0.0555	-	-
Mecoprop	µg/l	0.255	± 0.0305	-	-	0.0454	-	-
2,4,5-Trichlorophenoxyacetic	µg/l	0.624	± 0.0702	-	-	0.0776	-	-
Glyphosate	µg/l	0.148	± 0.0439	-	-	0.0463	-	-
Glufosinate	µg/l	0.369	± 0.151	-	-	0.151	-	-
AMPA	µg/l	0.156	± 0.0342	-	-	0.0302	-	-
Metolachlor ESA	µg/l	0.132	± 0.0336	-	-	0.0434	-	-
Metolachlor OA	µg/l	0.233	± 0.032	-	-	0.0385	-	-
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.281	± 0.0785	-	-	0.0641	-	-
Metazachlor ESA	µg/l	0.406	± 0.0789	-	-	0.0831	-	-
Metazachlor OA	µg/l	0.0703	± 0.0155	-	-	0.0127	-	-

Sample: H92B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor	µg/l	0.697	± 0.055	-	-	0.0661	-	-
Metazachlor	µg/l	0.551	± 0.0685	0.58	0.08	0.0969	105.2	0.30
Metolachlor	µg/l	0.122	± 0.0175	0.11	0.02	0.0261	89.9	-0.47
2,4-D	µg/l	0.815	± 0.0724	-	-	0.0903	-	-
Bentazone	µg/l	0.322	± 0.0249	0.25	0.04	0.0362	77.7	-1.99
Dicamba	µg/l	0.838	± 0.164	-	-	0.181	-	-
Dichlorprop	µg/l	-	± -	-	-	-	-	-
Mecoprop	µg/l	0.708	± 0.0628	-	-	0.0937	-	-
2,4,5-Trichlorophenoxyacetic	µg/l	-	± -	-	-	-	-	-
Glyphosate	µg/l	-	± -	-	-	-	-	-
Glufosinate	µg/l	0.567	± 0.119	-	-	0.112	-	-
AMPA	µg/l	1.03	± 0.0835	-	-	0.0835	-	-
Metolachlor ESA	µg/l	0.283	± 0.047	-	-	0.0607	-	-
Metolachlor OA	µg/l	0.435	± 0.0204	-	-	0.0216	-	-



Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	-	± -	-	-	-	-	-
Metazachlor ESA	µg/l	0.596	± 0.107	-	-	0.118	-	-
Metazachlor OA	µg/l	-	± -	-	-	-	-	-



The following results were achieved:

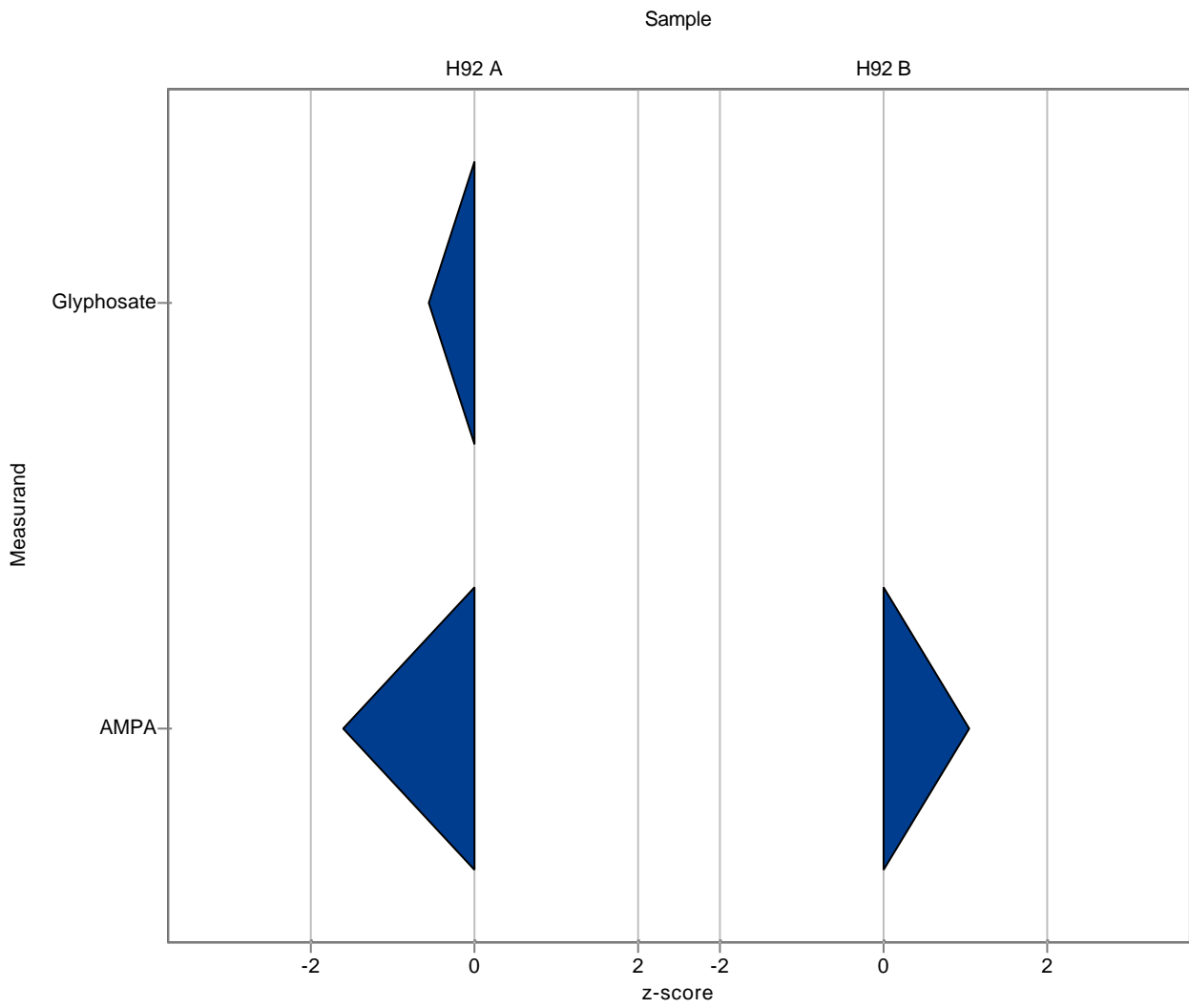
Sample: H92A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor	µg/l	-	± -	-	-	-	-	-
Metazachlor	µg/l	-	± -	-	-	-	-	-
Metolachlor	µg/l	-	± -	-	-	-	-	-
2,4-D	µg/l	0.356	± 0.0442	-	-	0.0571	-	-
Bentazone	µg/l	0.238	± 0.0209	-	-	0.0296	-	-
Dicamba	µg/l	0.466	± 0.089	-	-	0.0984	-	-
Dichlorprop	µg/l	0.436	± 0.043	-	-	0.0555	-	-
Mecoprop	µg/l	0.255	± 0.0305	-	-	0.0454	-	-
2,4,5-Trichlorophenoxyacetic	µg/l	0.624	± 0.0702	-	-	0.0776	-	-
Glyphosate	µg/l	0.148	± 0.0439	0.122	0.02	0.0463	82.3	-0.57
Glufosinate	µg/l	0.369	± 0.151	-	-	0.151	-	-
AMPA	µg/l	0.156	± 0.0342	0.108	0.02	0.0302	69.0	-1.61
Metolachlor ESA	µg/l	0.132	± 0.0336	-	-	0.0434	-	-
Metolachlor OA	µg/l	0.233	± 0.032	-	-	0.0385	-	-
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.281	± 0.0785	-	-	0.0641	-	-
Metazachlor ESA	µg/l	0.406	± 0.0789	-	-	0.0831	-	-
Metazachlor OA	µg/l	0.0703	± 0.0155	-	-	0.0127	-	-

Sample: H92B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor	µg/l	0.697	± 0.055	-	-	0.0661	-	-
Metazachlor	µg/l	0.551	± 0.0685	-	-	0.0969	-	-
Metolachlor	µg/l	0.122	± 0.0175	-	-	0.0261	-	-
2,4-D	µg/l	0.815	± 0.0724	-	-	0.0903	-	-
Bentazone	µg/l	0.322	± 0.0249	-	-	0.0362	-	-
Dicamba	µg/l	0.838	± 0.164	-	-	0.181	-	-
Dichlorprop	µg/l	-	± -	-	-	-	-	-
Mecoprop	µg/l	0.708	± 0.0628	-	-	0.0937	-	-
2,4,5-Trichlorophenoxyacetic	µg/l	-	± -	-	-	-	-	-
Glyphosate	µg/l	-	± -	<0.03 (LOQ)	-	-	-	-
Glufosinate	µg/l	0.567	± 0.119	-	-	0.112	-	-
AMPA	µg/l	1.03	± 0.0835	1.114	0.169	0.0835	108.5	1.05
Metolachlor ESA	µg/l	0.283	± 0.047	-	-	0.0607	-	-
Metolachlor OA	µg/l	0.435	± 0.0204	-	-	0.0216	-	-

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	-	± -	-	-	-	-	-
Metazachlor ESA	µg/l	0.596	± 0.107	-	-	0.118	-	-
Metazachlor OA	µg/l	-	± -	-	-	-	-	-



The following results were achieved:

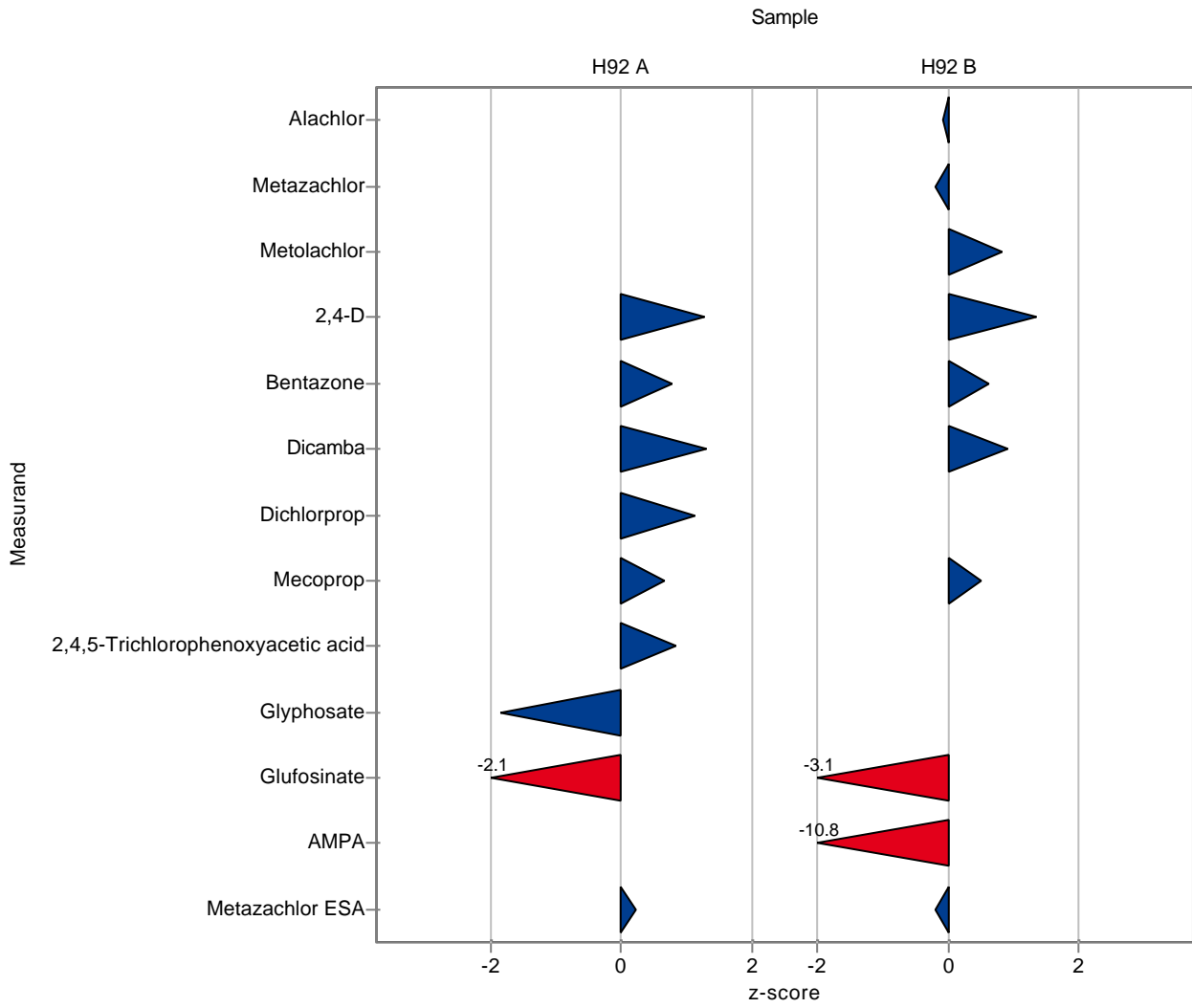
Sample: H92A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Metazachlor	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Metolachlor	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
2,4-D	µg/l	0.356	± 0.0442	0.429	0.005	0.0571	120.6	1.28
Bentazone	µg/l	0.238	± 0.0209	0.261	0.005	0.0296	109.5	0.76
Dicamba	µg/l	0.466	± 0.089	0.594	0.005	0.0984	127.5	1.30
Dichlorprop	µg/l	0.436	± 0.043	0.499	0.005	0.0555	114.4	1.13
Mecoprop	µg/l	0.255	± 0.0305	0.285	0.005	0.0454	111.6	0.65
2,4,5-Trichlorophenoxyacetic	µg/l	0.624	± 0.0702	0.69	0.005	0.0776	110.5	0.85
Glyphosate	µg/l	0.148	± 0.0439	0.063	0.01	0.0463	42.5	-1.84
Glufosinate	µg/l	0.369	± 0.151	0.05	0.01	0.151	13.5	-2.11
AMPA	µg/l	0.156	± 0.0342	<0.1 (LOQ)	-	0.0302	-	-
Metolachlor ESA	µg/l	0.132	± 0.0336	-	-	0.0434	-	-
Metolachlor OA	µg/l	0.233	± 0.032	-	-	0.0385	-	-
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.281	± 0.0785	-	-	0.0641	-	-
Metazachlor ESA	µg/l	0.406	± 0.0789	0.424	0.01	0.0831	104.5	0.22
Metazachlor OA	µg/l	0.0703	± 0.0155	-	-	0.0127	-	-

Sample: H92B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor	µg/l	0.697	± 0.055	0.692	0.005	0.0661	99.2	-0.08
Metazachlor	µg/l	0.551	± 0.0685	0.532	0.005	0.0969	96.5	-0.20
Metolachlor	µg/l	0.122	± 0.0175	0.144	0.005	0.0261	117.6	0.83
2,4-D	µg/l	0.815	± 0.0724	0.937	0.005	0.0903	115.0	1.35
Bentazone	µg/l	0.322	± 0.0249	0.344	0.005	0.0362	106.9	0.61
Dicamba	µg/l	0.838	± 0.164	1.006	0.005	0.181	120.0	0.93
Dichlorprop	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Mecoprop	µg/l	0.708	± 0.0628	0.757	0.005	0.0937	106.9	0.52
2,4,5-Trichlorophenoxyacetic	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Glyphosate	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Glufosinate	µg/l	0.567	± 0.119	0.218	0.01	0.112	38.4	-3.11
AMPA	µg/l	1.03	± 0.0835	0.123	0.02	0.0835	12.0	-10.82
Metolachlor ESA	µg/l	0.283	± 0.047	-	-	0.0607	-	-
Metolachlor OA	µg/l	0.435	± 0.0204	-	-	0.0216	-	-

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	-	± -	-	-	-	-	-
Metazachlor ESA	µg/l	0.596	± 0.107	0.573	0.01	0.118	96.1	-0.20
Metazachlor OA	µg/l	-	± -	-	-	-	-	-





The following results were achieved:

Sample: H92A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor	µg/l	-	± -	-	-	-	-	-
Metazachlor	µg/l	-	± -	-	-	-	-	-
Metolachlor	µg/l	-	± -	-	-	-	-	-
2,4-D	µg/l	0.356	± 0.0442	-	-	0.0571	-	-
Bentazone	µg/l	0.238	± 0.0209	-	-	0.0296	-	-
Dicamba	µg/l	0.466	± 0.089	-	-	0.0984	-	-
Dichlorprop	µg/l	0.436	± 0.043	-	-	0.0555	-	-
Mecoprop	µg/l	0.255	± 0.0305	-	-	0.0454	-	-
2,4,5-Trichlorophenoxyacetic	µg/l	0.624	± 0.0702	-	-	0.0776	-	-
Glyphosate	µg/l	0.148	± 0.0439	-	-	0.0463	-	-
Glufosinate	µg/l	0.369	± 0.151	-	-	0.151	-	-
AMPA	µg/l	0.156	± 0.0342	-	-	0.0302	-	-
Metolachlor ESA	µg/l	0.132	± 0.0336	-	-	0.0434	-	-
Metolachlor OA	µg/l	0.233	± 0.032	-	-	0.0385	-	-
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.281	± 0.0785	-	-	0.0641	-	-
Metazachlor ESA	µg/l	0.406	± 0.0789	-	-	0.0831	-	-
Metazachlor OA	µg/l	0.0703	± 0.0155	-	-	0.0127	-	-

Sample: H92B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor	µg/l	0.697	± 0.055	-	-	0.0661	-	-
Metazachlor	µg/l	0.551	± 0.0685	-	-	0.0969	-	-
Metolachlor	µg/l	0.122	± 0.0175	-	-	0.0261	-	-
2,4-D	µg/l	0.815	± 0.0724	-	-	0.0903	-	-
Bentazone	µg/l	0.322	± 0.0249	-	-	0.0362	-	-
Dicamba	µg/l	0.838	± 0.164	-	-	0.181	-	-
Dichlorprop	µg/l	-	± -	-	-	-	-	-
Mecoprop	µg/l	0.708	± 0.0628	-	-	0.0937	-	-
2,4,5-Trichlorophenoxyacetic	µg/l	-	± -	-	-	-	-	-
Glyphosate	µg/l	-	± -	-	-	-	-	-
Glufosinate	µg/l	0.567	± 0.119	-	-	0.112	-	-
AMPA	µg/l	1.03	± 0.0835	-	-	0.0835	-	-
Metolachlor ESA	µg/l	0.283	± 0.047	-	-	0.0607	-	-
Metolachlor OA	µg/l	0.435	± 0.0204	-	-	0.0216	-	-

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	-	± -	-	-	-	-	-
Metazachlor ESA	µg/l	0.596	± 0.107	-	-	0.118	-	-
Metazachlor OA	µg/l	-	± -	-	-	-	-	-

The following results were achieved:

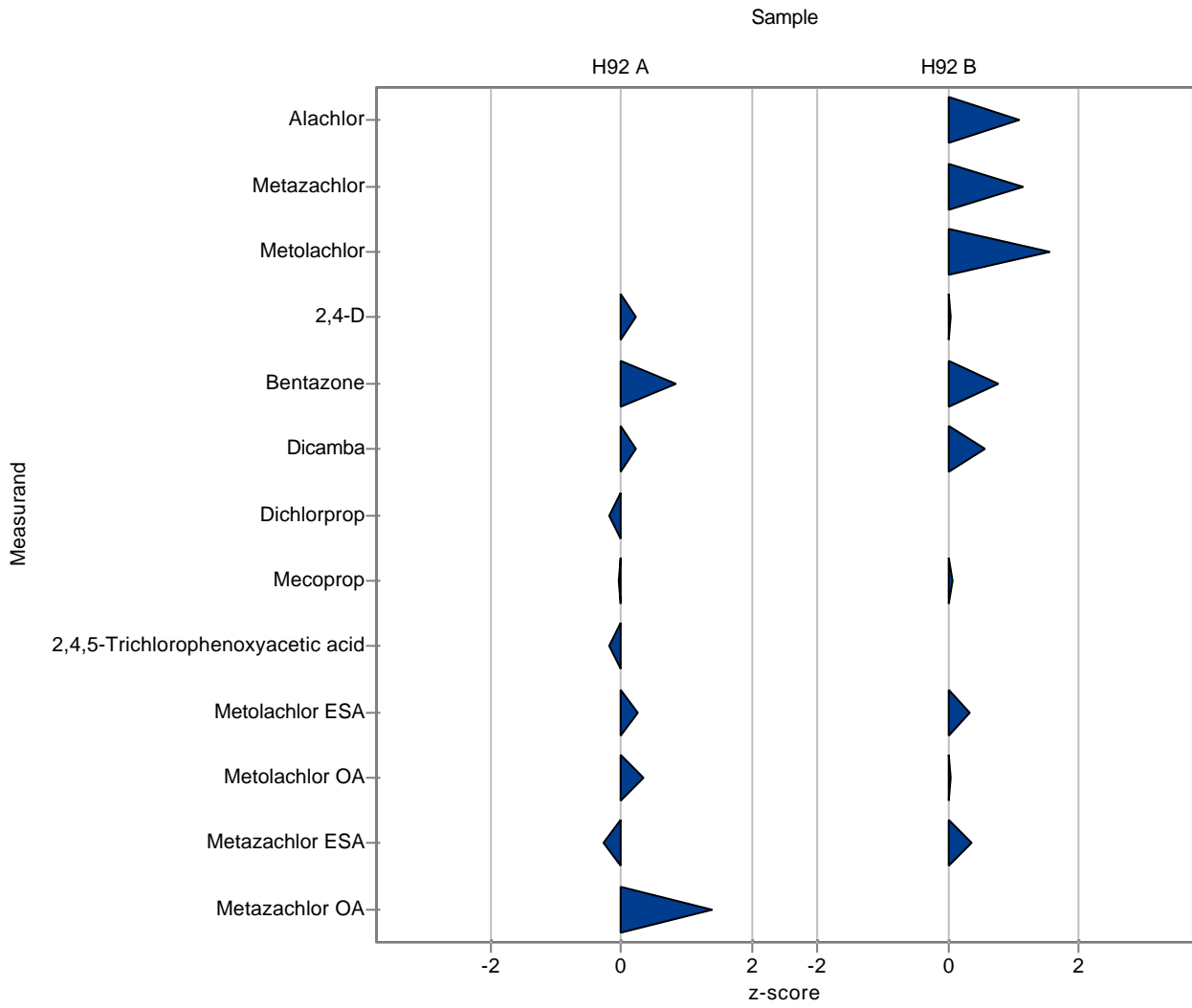
Sample: H92A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor	µg/l	-	± -	<0.03 (LOQ)	-	-	-	-
Metazachlor	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Metolachlor	µg/l	-	± -	<0.03 (LOQ)	-	-	-	-
2,4-D	µg/l	0.356	± 0.0442	0.368	0.055	0.0571	103.4	0.21
Bentazone	µg/l	0.238	± 0.0209	0.263	0.039	0.0296	110.3	0.83
Dicamba	µg/l	0.466	± 0.089	0.487	0.073	0.0984	104.5	0.21
Dichlorprop	µg/l	0.436	± 0.043	0.426	0.064	0.0555	97.7	-0.18
Mecoprop	µg/l	0.255	± 0.0305	0.254	0.038	0.0454	99.4	-0.03
2,4,5-Trichlorophenoxyacetic	µg/l	0.624	± 0.0702	0.609	0.091	0.0776	97.6	-0.20
Glyphosate	µg/l	0.148	± 0.0439	-	-	0.0463	-	-
Glufosinate	µg/l	0.369	± 0.151	-	-	0.151	-	-
AMPA	µg/l	0.156	± 0.0342	-	-	0.0302	-	-
Metolachlor ESA	µg/l	0.132	± 0.0336	0.143	0.021	0.0434	108.1	0.25
Metolachlor OA	µg/l	0.233	± 0.032	0.246	0.037	0.0385	105.5	0.34
Alachlor ESA	µg/l	-	± -	0.515	0.077	-	-	-
Alachlor OA	µg/l	0.281	± 0.0785	-	-	0.0641	-	-
Metazachlor ESA	µg/l	0.406	± 0.0789	0.383	0.057	0.0831	94.4	-0.28
Metazachlor OA	µg/l	0.0703	± 0.0155	0.088	0.013	0.0127	125.1	1.40

Sample: H92B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor	µg/l	0.697	± 0.055	0.769	0.115	0.0661	110.3	1.08
Metazachlor	µg/l	0.551	± 0.0685	0.664	0.1	0.0969	120.5	1.17
Metolachlor	µg/l	0.122	± 0.0175	0.163	0.024	0.0261	133.2	1.55
2,4-D	µg/l	0.815	± 0.0724	0.819	0.123	0.0903	100.5	0.05
Bentazone	µg/l	0.322	± 0.0249	0.35	0.052	0.0362	108.7	0.78
Dicamba	µg/l	0.838	± 0.164	0.941	0.141	0.181	112.3	0.57
Dichlorprop	µg/l	-	± -	<0.03 (LOQ)	-	-	-	-
Mecoprop	µg/l	0.708	± 0.0628	0.715	0.107	0.0937	101.0	0.07
2,4,5-Trichlorophenoxyacetic	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Glyphosate	µg/l	-	± -	-	-	-	-	-
Glufosinate	µg/l	0.567	± 0.119	-	-	0.112	-	-
AMPA	µg/l	1.03	± 0.0835	-	-	0.0835	-	-
Metolachlor ESA	µg/l	0.283	± 0.047	0.304	0.046	0.0607	107.4	0.34
Metolachlor OA	µg/l	0.435	± 0.0204	0.436	0.065	0.0216	100.2	0.05

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor ESA	µg/l	-	± -	0.748	0.112	-	-	-
Alachlor OA	µg/l	-	± -	-	-	-	-	-
Metazachlor ESA	µg/l	0.596	± 0.107	0.639	0.096	0.118	107.1	0.36
Metazachlor OA	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-



The following results were achieved:

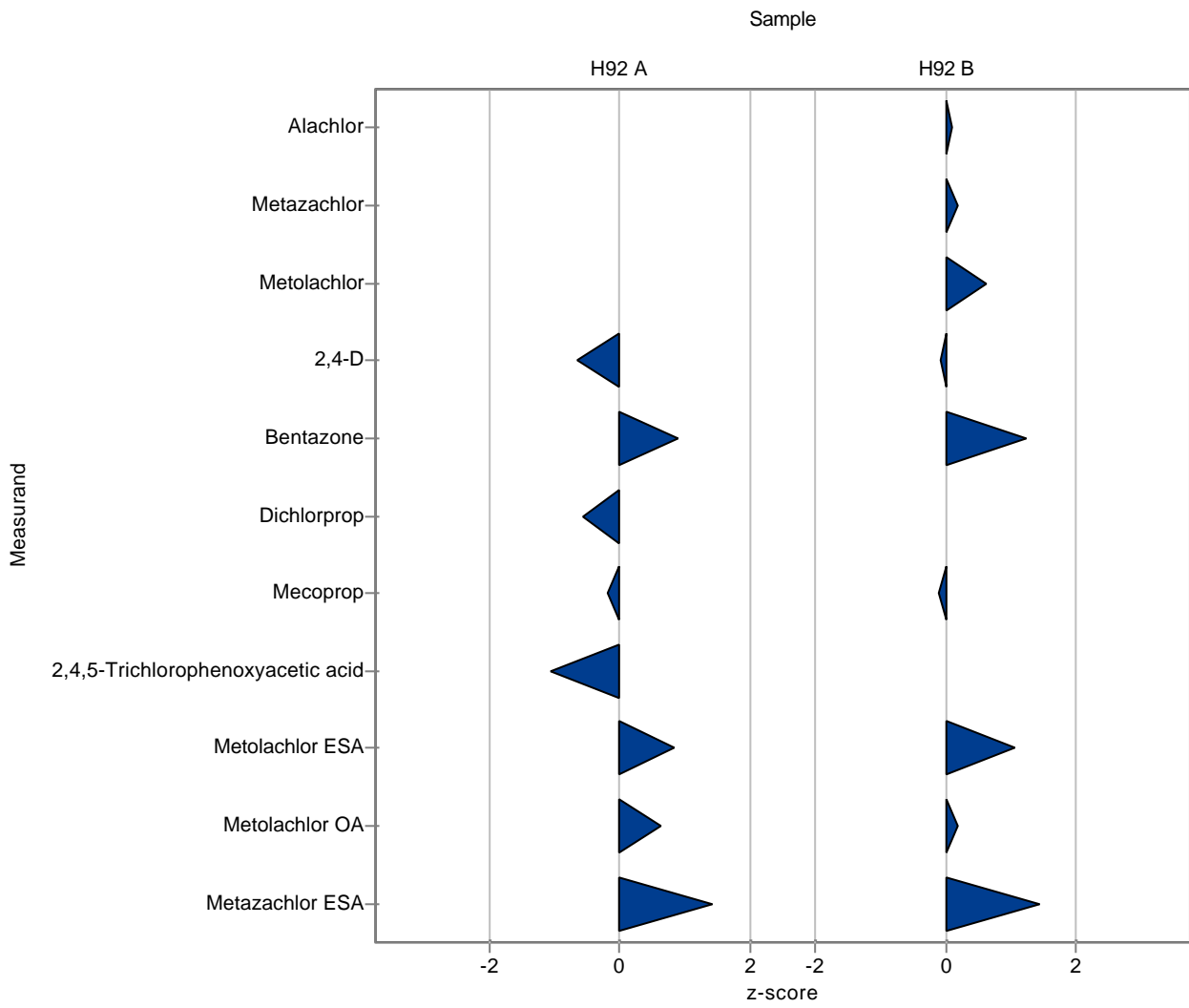
Sample: H92A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor	µg/l	-	± -	-	-	-	-	-
Metazachlor	µg/l	-	± -	-	-	-	-	-
Metolachlor	µg/l	-	± -	-	-	-	-	-
2,4-D	µg/l	0.356	± 0.0442	0.319	0.022	0.0571	89.7	-0.64
Bentazone	µg/l	0.238	± 0.0209	0.265	0.047	0.0296	111.1	0.90
Dicamba	µg/l	0.466	± 0.089	-	-	0.0984	-	-
Dichlorprop	µg/l	0.436	± 0.043	0.405	0.025	0.0555	92.9	-0.56
Mecoprop	µg/l	0.255	± 0.0305	0.247	0.011	0.0454	96.7	-0.19
2,4,5-Trichlorophenoxyacetic	µg/l	0.624	± 0.0702	0.542	0.027	0.0776	86.8	-1.06
Glyphosate	µg/l	0.148	± 0.0439	-	-	0.0463	-	-
Glufosinate	µg/l	0.369	± 0.151	-	-	0.151	-	-
AMPA	µg/l	0.156	± 0.0342	-	-	0.0302	-	-
Metolachlor ESA	µg/l	0.132	± 0.0336	0.168	0.025	0.0434	127.0	0.82
Metolachlor OA	µg/l	0.233	± 0.032	0.257	0.031	0.0385	110.3	0.62
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.281	± 0.0785	-	-	0.0641	-	-
Metazachlor ESA	µg/l	0.406	± 0.0789	0.525	0.106	0.0831	129.3	1.43
Metazachlor OA	µg/l	0.0703	± 0.0155	-	-	0.0127	-	-

Sample: H92B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor	µg/l	0.697	± 0.055	0.703	0.12	0.0661	100.8	0.09
Metazachlor	µg/l	0.551	± 0.0685	0.57	0.107	0.0969	103.4	0.19
Metolachlor	µg/l	0.122	± 0.0175	0.139	0.011	0.0261	113.6	0.64
2,4-D	µg/l	0.815	± 0.0724	0.808	0.056	0.0903	99.2	-0.07
Bentazone	µg/l	0.322	± 0.0249	0.367	0.065	0.0362	114.0	1.25
Dicamba	µg/l	0.838	± 0.164	-	-	0.181	-	-
Dichlorprop	µg/l	-	± -	-	-	-	-	-
Mecoprop	µg/l	0.708	± 0.0628	0.699	0.032	0.0937	98.7	-0.10
2,4,5-Trichlorophenoxyacetic	µg/l	-	± -	-	-	-	-	-
Glyphosate	µg/l	-	± -	-	-	-	-	-
Glufosinate	µg/l	0.567	± 0.119	-	-	0.112	-	-
AMPA	µg/l	1.03	± 0.0835	-	-	0.0835	-	-
Metolachlor ESA	µg/l	0.283	± 0.047	0.347	0.052	0.0607	122.6	1.05
Metolachlor OA	µg/l	0.435	± 0.0204	0.439	0.054	0.0216	100.9	0.19

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	-	± -	-	-	-	-	-
Metazachlor ESA	µg/l	0.596	± 0.107	0.766	0.154	0.118	128.4	1.44
Metazachlor OA	µg/l	-	± -	-	-	-	-	-





The following results were achieved:

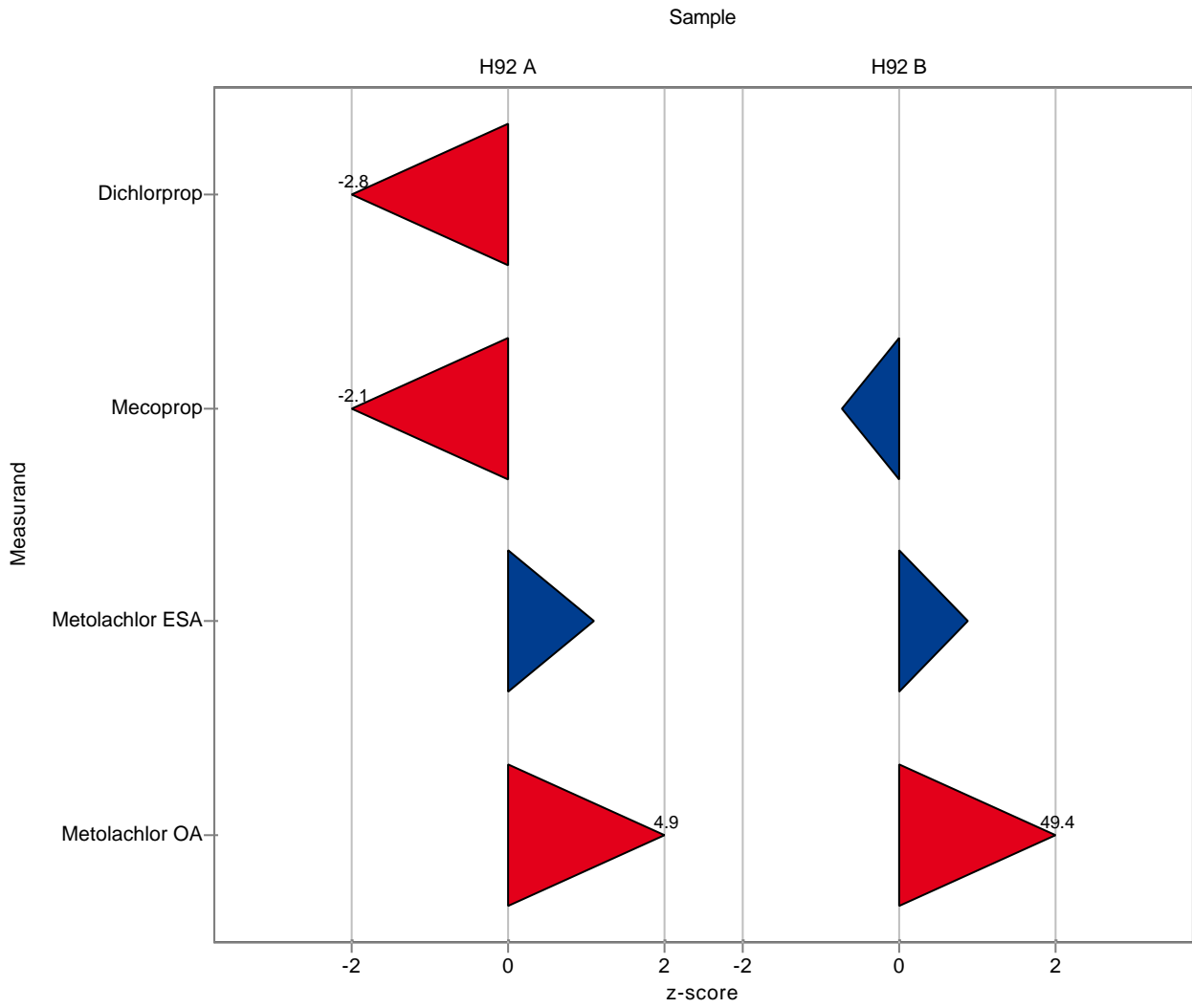
Sample: H92A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor	µg/l	-	± -	-	-	-	-	-
Metazachlor	µg/l	-	± -	-	-	-	-	-
Metolachlor	µg/l	-	± -	-	-	-	-	-
2,4-D	µg/l	0.356	± 0.0442	-	-	0.0571	-	-
Bentazone	µg/l	0.238	± 0.0209	-	-	0.0296	-	-
Dicamba	µg/l	0.466	± 0.089	-	-	0.0984	-	-
Dichlorprop	µg/l	0.436	± 0.043	0.28	0.08	0.0555	64.2	-2.81
Mecoprop	µg/l	0.255	± 0.0305	0.16	0.05	0.0454	62.6	-2.10
2,4,5-Trichlorophenoxyacetic	µg/l	0.624	± 0.0702	<0.003 (LOD)	-	0.0776	-	-
Glyphosate	µg/l	0.148	± 0.0439	-	-	0.0463	-	-
Glufosinate	µg/l	0.369	± 0.151	-	-	0.151	-	-
AMPA	µg/l	0.156	± 0.0342	-	-	0.0302	-	-
Metolachlor ESA	µg/l	0.132	± 0.0336	0.18	0.05	0.0434	136.1	1.10
Metolachlor OA	µg/l	0.233	± 0.032	0.42	0.13	0.0385	180.2	4.85
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.281	± 0.0785	-	-	0.0641	-	-
Metazachlor ESA	µg/l	0.406	± 0.0789	-	-	0.0831	-	-
Metazachlor OA	µg/l	0.0703	± 0.0155	-	-	0.0127	-	-

Sample: H92B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor	µg/l	0.697	± 0.055	-	-	0.0661	-	-
Metazachlor	µg/l	0.551	± 0.0685	-	-	0.0969	-	-
Metolachlor	µg/l	0.122	± 0.0175	-	-	0.0261	-	-
2,4-D	µg/l	0.815	± 0.0724	-	-	0.0903	-	-
Bentazone	µg/l	0.322	± 0.0249	-	-	0.0362	-	-
Dicamba	µg/l	0.838	± 0.164	-	-	0.181	-	-
Dichlorprop	µg/l	-	± -	<0.003 (LOD)	-	-	-	-
Mecoprop	µg/l	0.708	± 0.0628	0.64	0.19	0.0937	90.4	-0.73
2,4,5-Trichlorophenoxyacetic	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Glyphosate	µg/l	-	± -	-	-	-	-	-
Glufosinate	µg/l	0.567	± 0.119	-	-	0.112	-	-
AMPA	µg/l	1.03	± 0.0835	-	-	0.0835	-	-
Metolachlor ESA	µg/l	0.283	± 0.047	0.336	0.11	0.0607	118.7	0.87
Metolachlor OA	µg/l	0.435	± 0.0204	1.5	0.45	0.0216	344.8	49.42

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	-	± -	-	-	-	-	-
Metazachlor ESA	µg/l	0.596	± 0.107	-	-	0.118	-	-
Metazachlor OA	µg/l	-	± -	-	-	-	-	-



The following results were achieved:

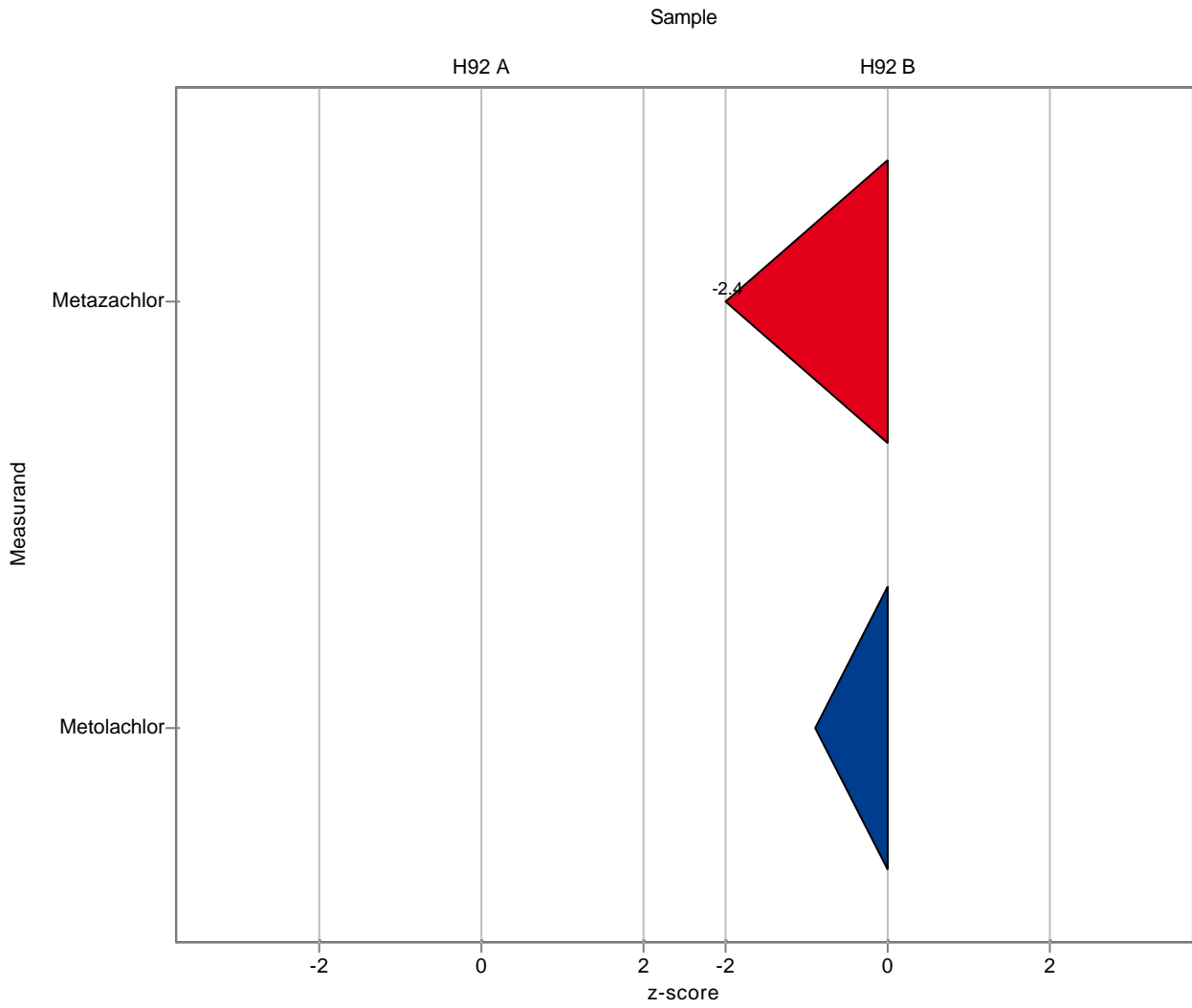
Sample: H92A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor	µg/l	-	± -	-	-	-	-	-
Metazachlor	µg/l	-	± -	-	-	-	-	-
Metolachlor	µg/l	-	± -	-	-	-	-	-
2,4-D	µg/l	0.356	± 0.0442	-	-	0.0571	-	-
Bentazone	µg/l	0.238	± 0.0209	-	-	0.0296	-	-
Dicamba	µg/l	0.466	± 0.089	-	-	0.0984	-	-
Dichlorprop	µg/l	0.436	± 0.043	-	-	0.0555	-	-
Mecoprop	µg/l	0.255	± 0.0305	-	-	0.0454	-	-
2,4,5-Trichlorophenoxyacetic	µg/l	0.624	± 0.0702	-	-	0.0776	-	-
Glyphosate	µg/l	0.148	± 0.0439	-	-	0.0463	-	-
Glufosinate	µg/l	0.369	± 0.151	-	-	0.151	-	-
AMPA	µg/l	0.156	± 0.0342	-	-	0.0302	-	-
Metolachlor ESA	µg/l	0.132	± 0.0336	-	-	0.0434	-	-
Metolachlor OA	µg/l	0.233	± 0.032	-	-	0.0385	-	-
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.281	± 0.0785	-	-	0.0641	-	-
Metazachlor ESA	µg/l	0.406	± 0.0789	-	-	0.0831	-	-
Metazachlor OA	µg/l	0.0703	± 0.0155	-	-	0.0127	-	-

Sample: H92B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor	µg/l	0.697	± 0.055	-	-	0.0661	-	-
Metazachlor	µg/l	0.551	± 0.0685	0.317	0.063	0.0969	57.5	-2.42
Metolachlor	µg/l	0.122	± 0.0175	0.099	0.002	0.0261	80.9	-0.90
2,4-D	µg/l	0.815	± 0.0724	-	-	0.0903	-	-
Bentazone	µg/l	0.322	± 0.0249	-	-	0.0362	-	-
Dicamba	µg/l	0.838	± 0.164	-	-	0.181	-	-
Dichlorprop	µg/l	-	± -	-	-	-	-	-
Mecoprop	µg/l	0.708	± 0.0628	-	-	0.0937	-	-
2,4,5-Trichlorophenoxyacetic	µg/l	-	± -	-	-	-	-	-
Glyphosate	µg/l	-	± -	-	-	-	-	-
Glufosinate	µg/l	0.567	± 0.119	-	-	0.112	-	-
AMPA	µg/l	1.03	± 0.0835	-	-	0.0835	-	-
Metolachlor ESA	µg/l	0.283	± 0.047	-	-	0.0607	-	-
Metolachlor OA	µg/l	0.435	± 0.0204	-	-	0.0216	-	-

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	-	± -	-	-	-	-	-
Metazachlor ESA	µg/l	0.596	± 0.107	-	-	0.118	-	-
Metazachlor OA	µg/l	-	± -	-	-	-	-	-



The following results were achieved:

Sample: H92A

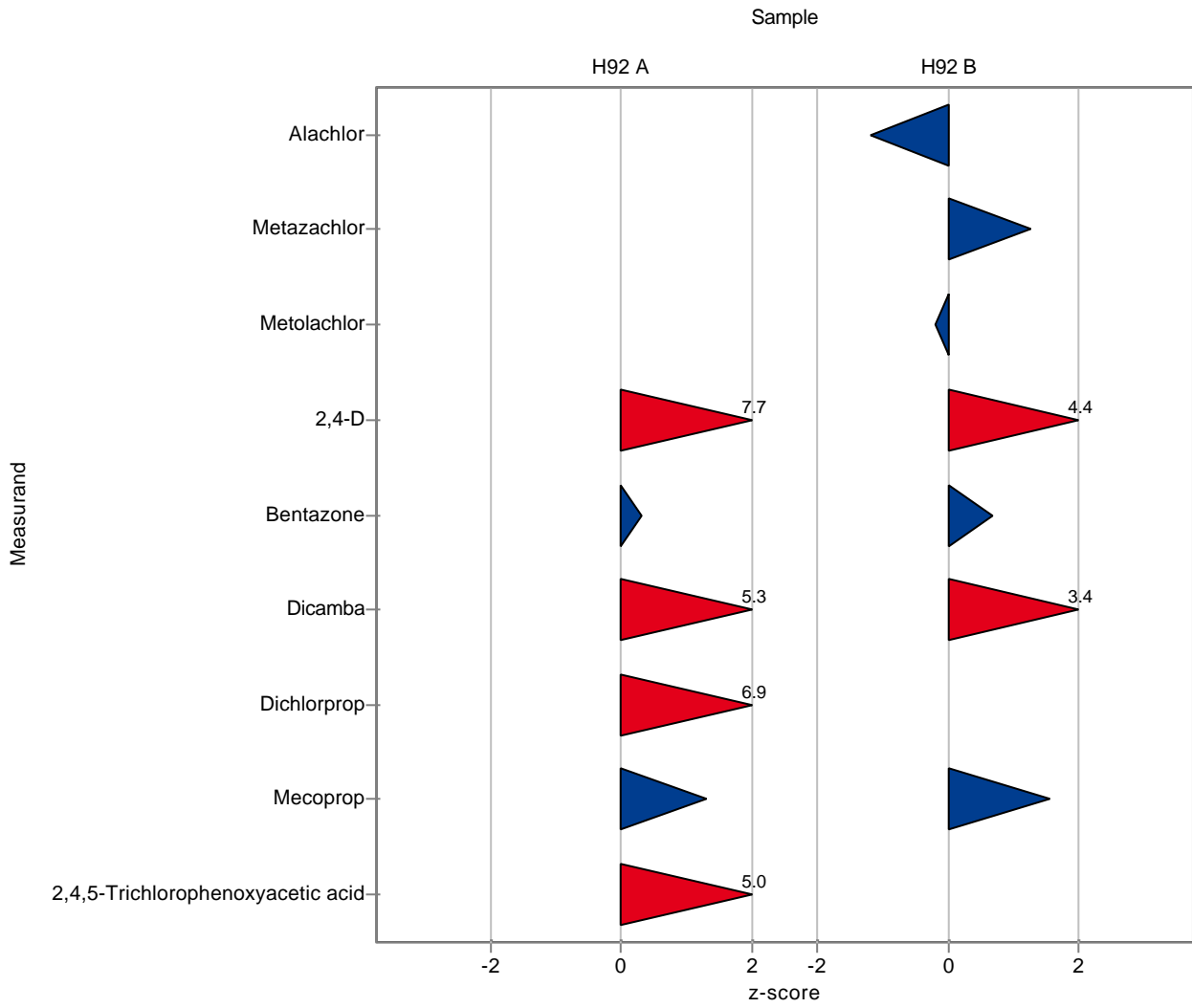
Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Metazachlor	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Metolachlor	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
2,4-D	µg/l	0.356	± 0.0442	0.794	0.159	0.0571	223.2	7.68
Bentazone	µg/l	0.238	± 0.0209	0.248	0.05	0.0296	104.0	0.32
Dicamba	µg/l	0.466	± 0.089	0.988	0.198	0.0984	212.1	5.31
Dichlorprop	µg/l	0.436	± 0.043	0.819	0.164	0.0555	187.8	6.90
Mecoprop	µg/l	0.255	± 0.0305	0.314	0.063	0.0454	122.9	1.29
2,4,5-Trichlorophenoxyacetic	µg/l	0.624	± 0.0702	1.01	0.2	0.0776	161.8	4.97
Glyphosate	µg/l	0.148	± 0.0439	-	-	0.0463	-	-
Glufosinate	µg/l	0.369	± 0.151	-	-	0.151	-	-
AMPA	µg/l	0.156	± 0.0342	-	-	0.0302	-	-
Metolachlor ESA	µg/l	0.132	± 0.0336	-	-	0.0434	-	-
Metolachlor OA	µg/l	0.233	± 0.032	-	-	0.0385	-	-
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.281	± 0.0785	-	-	0.0641	-	-
Metazachlor ESA	µg/l	0.406	± 0.0789	-	-	0.0831	-	-
Metazachlor OA	µg/l	0.0703	± 0.0155	-	-	0.0127	-	-

Sample: H92B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor	µg/l	0.697	± 0.055	0.619	0.124	0.0661	88.8	-1.18
Metazachlor	µg/l	0.551	± 0.0685	0.675	0.135	0.0969	122.5	1.28
Metolachlor	µg/l	0.122	± 0.0175	0.117	0.023	0.0261	95.6	-0.21
2,4-D	µg/l	0.815	± 0.0724	1.21	0.24	0.0903	148.5	4.38
Bentazone	µg/l	0.322	± 0.0249	0.347	0.069	0.0362	107.8	0.70
Dicamba	µg/l	0.838	± 0.164	1.45	0.29	0.181	173.0	3.38
Dichlorprop	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Mecoprop	µg/l	0.708	± 0.0628	0.855	0.171	0.0937	120.7	1.57
2,4,5-Trichlorophenoxyacetic	µg/l	-	± -	<0.1 (LOQ)	-	-	-	-
Glyphosate	µg/l	-	± -	-	-	-	-	-
Glufosinate	µg/l	0.567	± 0.119	-	-	0.112	-	-
AMPA	µg/l	1.03	± 0.0835	-	-	0.0835	-	-
Metolachlor ESA	µg/l	0.283	± 0.047	-	-	0.0607	-	-
Metolachlor OA	µg/l	0.435	± 0.0204	-	-	0.0216	-	-

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	-	± -	-	-	-	-	-
Metazachlor ESA	µg/l	0.596	± 0.107	-	-	0.118	-	-
Metazachlor OA	µg/l	-	± -	-	-	-	-	-





The following results were achieved:

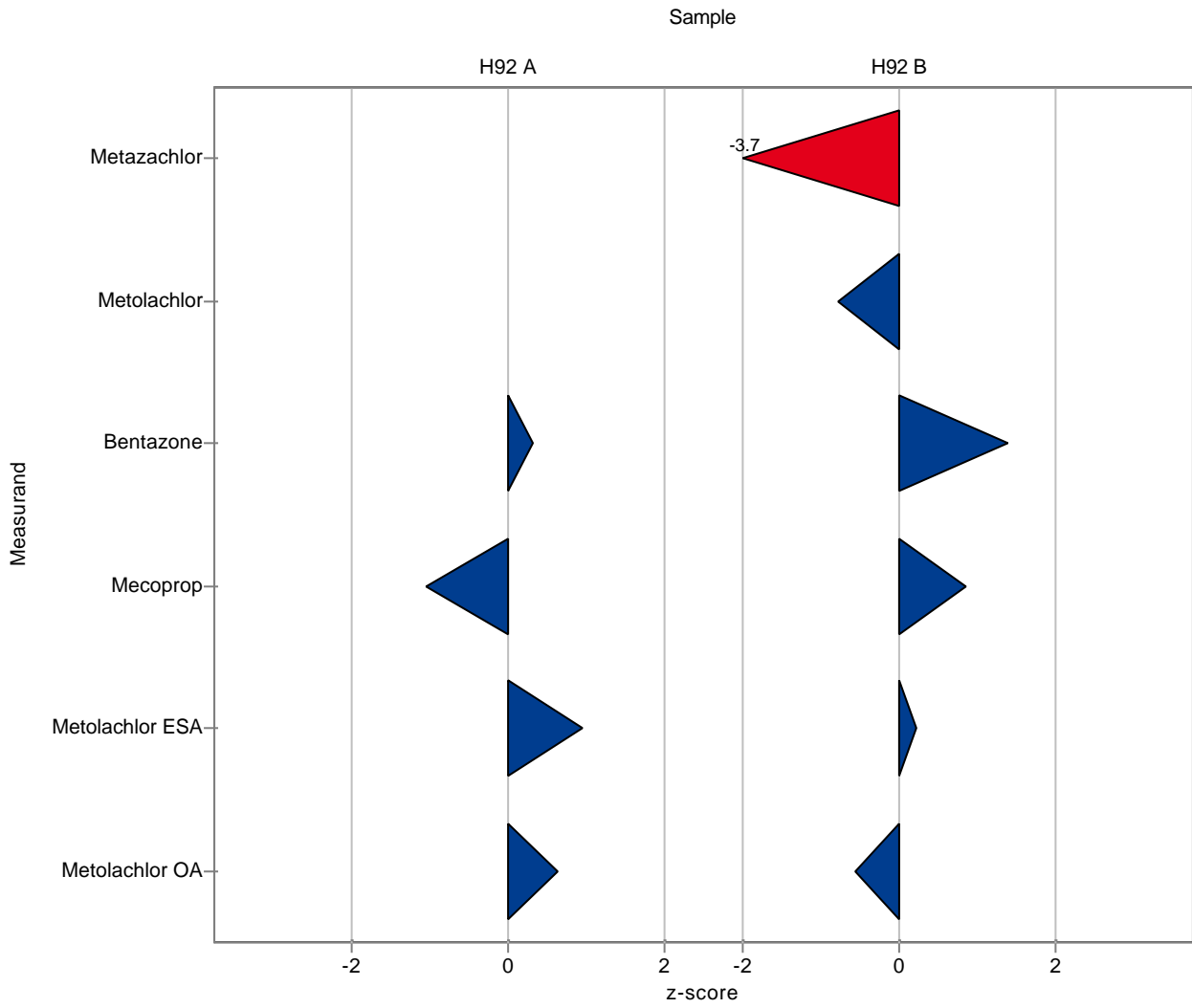
Sample: H92A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor	µg/l	-	± -	-	-	-	-	-
Metazachlor	µg/l	-	± -	<0.001 (LOQ)	-	-	-	-
Metolachlor	µg/l	-	± -	<0.001 (LOQ)	-	-	-	-
2,4-D	µg/l	0.356	± 0.0442	-	-	0.0571	-	-
Bentazone	µg/l	0.238	± 0.0209	0.248	0.04	0.0296	104.0	0.32
Dicamba	µg/l	0.466	± 0.089	-	-	0.0984	-	-
Dichlorprop	µg/l	0.436	± 0.043	-	-	0.0555	-	-
Mecoprop	µg/l	0.255	± 0.0305	0.208	0.069	0.0454	81.4	-1.04
2,4,5-Trichlorophenoxyacetic	µg/l	0.624	± 0.0702	-	-	0.0776	-	-
Glyphosate	µg/l	0.148	± 0.0439	-	-	0.0463	-	-
Glufosinate	µg/l	0.369	± 0.151	-	-	0.151	-	-
AMPA	µg/l	0.156	± 0.0342	-	-	0.0302	-	-
Metolachlor ESA	µg/l	0.132	± 0.0336	0.174	0.057	0.0434	131.6	0.96
Metolachlor OA	µg/l	0.233	± 0.032	0.258	0.087	0.0385	110.7	0.65
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.281	± 0.0785	-	-	0.0641	-	-
Metazachlor ESA	µg/l	0.406	± 0.0789	-	-	0.0831	-	-
Metazachlor OA	µg/l	0.0703	± 0.0155	-	-	0.0127	-	-

Sample: H92B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor	µg/l	0.697	± 0.055	-	-	0.0661	-	-
Metazachlor	µg/l	0.551	± 0.0685	0.196	0.027	0.0969	35.6	-3.67
Metolachlor	µg/l	0.122	± 0.0175	0.102	0.005	0.0261	83.3	-0.78
2,4-D	µg/l	0.815	± 0.0724	-	-	0.0903	-	-
Bentazone	µg/l	0.322	± 0.0249	0.372	0.06	0.0362	115.6	1.39
Dicamba	µg/l	0.838	± 0.164	-	-	0.181	-	-
Dichlorprop	µg/l	-	± -	-	-	-	-	-
Mecoprop	µg/l	0.708	± 0.0628	0.788	0.263	0.0937	111.3	0.85
2,4,5-Trichlorophenoxyacetic	µg/l	-	± -	-	-	-	-	-
Glyphosate	µg/l	-	± -	-	-	-	-	-
Glufosinate	µg/l	0.567	± 0.119	-	-	0.112	-	-
AMPA	µg/l	1.03	± 0.0835	-	-	0.0835	-	-
Metolachlor ESA	µg/l	0.283	± 0.047	0.297	0.097	0.0607	104.9	0.23
Metolachlor OA	µg/l	0.435	± 0.0204	0.423	0.142	0.0216	97.2	-0.56

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	-	± -	-	-	-	-	-
Metazachlor ESA	µg/l	0.596	± 0.107	-	-	0.118	-	-
Metazachlor OA	µg/l	-	± -	-	-	-	-	-



The following results were achieved:

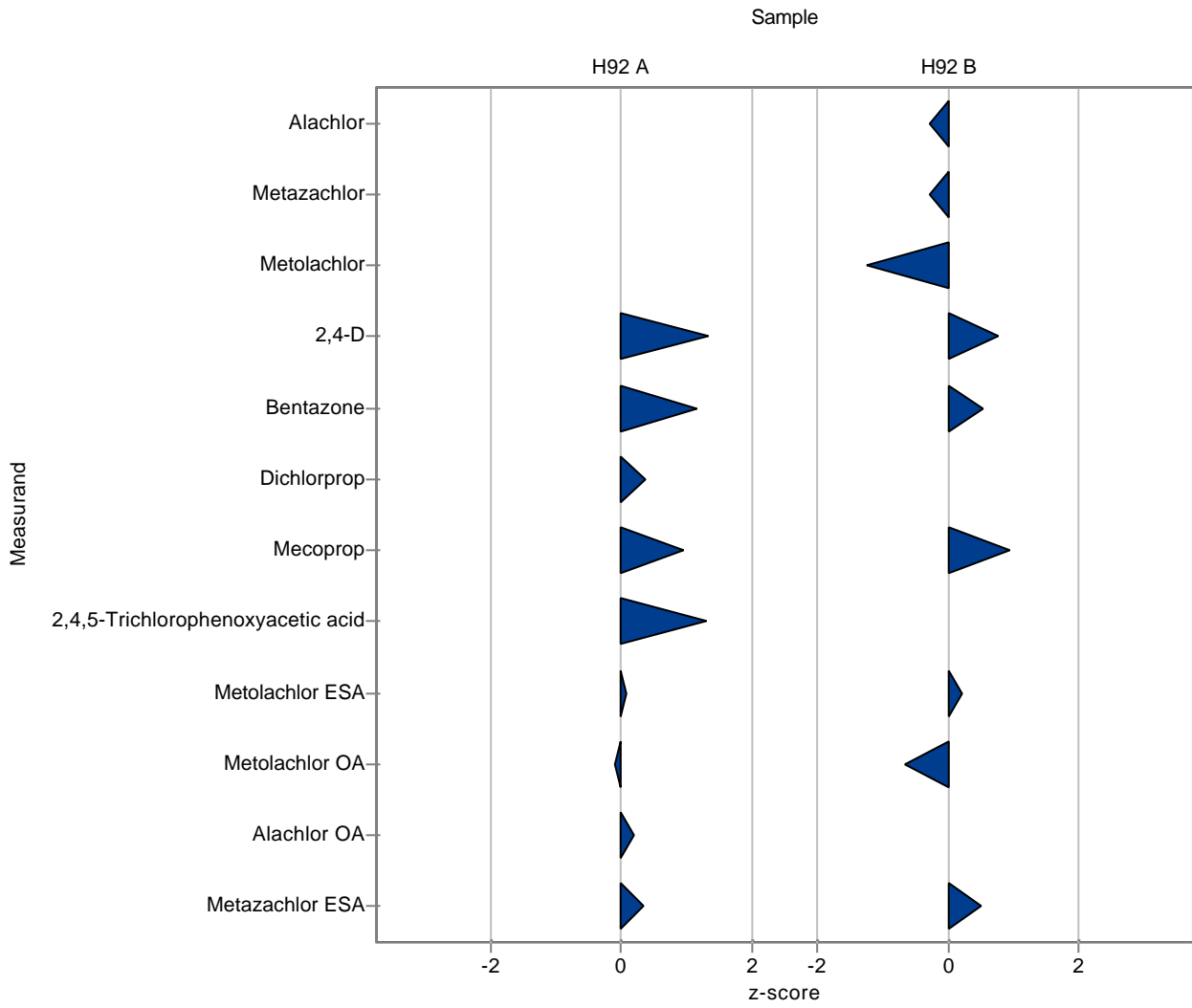
Sample: H92A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Metazachlor	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Metolachlor	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
2,4-D	µg/l	0.356	± 0.0442	0.431	-	0.0571	121.2	1.32
Bentazone	µg/l	0.238	± 0.0209	0.273	-	0.0296	114.5	1.17
Dicamba	µg/l	0.466	± 0.089	-	-	0.0984	-	-
Dichlorprop	µg/l	0.436	± 0.043	0.456	-	0.0555	104.6	0.36
Mecoprop	µg/l	0.255	± 0.0305	0.299	-	0.0454	117.0	0.96
2,4,5-Trichlorophenoxyacetic	µg/l	0.624	± 0.0702	0.726	-	0.0776	116.3	1.31
Glyphosate	µg/l	0.148	± 0.0439	-	-	0.0463	-	-
Glufosinate	µg/l	0.369	± 0.151	-	-	0.151	-	-
AMPA	µg/l	0.156	± 0.0342	-	-	0.0302	-	-
Metolachlor ESA	µg/l	0.132	± 0.0336	0.136	-	0.0434	102.8	0.09
Metolachlor OA	µg/l	0.233	± 0.032	0.229	-	0.0385	98.3	-0.11
Alachlor ESA	µg/l	-	± -	0.466	-	-	-	-
Alachlor OA	µg/l	0.281	± 0.0785	0.293	-	0.0641	104.5	0.20
Metazachlor ESA	µg/l	0.406	± 0.0789	0.433	-	0.0831	106.7	0.33
Metazachlor OA	µg/l	0.0703	± 0.0155	<0.05 (LOQ)	-	0.0127	-	-

Sample: H92B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor	µg/l	0.697	± 0.055	0.678	-	0.0661	97.2	-0.29
Metazachlor	µg/l	0.551	± 0.0685	0.523	-	0.0969	94.9	-0.29
Metolachlor	µg/l	0.122	± 0.0175	0.09	-	0.0261	73.5	-1.24
2,4-D	µg/l	0.815	± 0.0724	0.885	-	0.0903	108.6	0.78
Bentazone	µg/l	0.322	± 0.0249	0.341	-	0.0362	106.0	0.53
Dicamba	µg/l	0.838	± 0.164	-	-	0.181	-	-
Dichlorprop	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Mecoprop	µg/l	0.708	± 0.0628	0.796	-	0.0937	112.4	0.94
2,4,5-Trichlorophenoxyacetic	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Glyphosate	µg/l	-	± -	-	-	-	-	-
Glufosinate	µg/l	0.567	± 0.119	-	-	0.112	-	-
AMPA	µg/l	1.03	± 0.0835	-	-	0.0835	-	-
Metolachlor ESA	µg/l	0.283	± 0.047	0.296	-	0.0607	104.5	0.21
Metolachlor OA	µg/l	0.435	± 0.0204	0.421	-	0.0216	96.8	-0.65

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor ESA	µg/l	-	± -	0.671	-	-	-	-
Alachlor OA	µg/l	-	± -	0.378	-	-	-	-
Metazachlor ESA	µg/l	0.596	± 0.107	0.655	-	0.118	109.8	0.50
Metazachlor OA	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-



The following results were achieved:

Sample: H92A

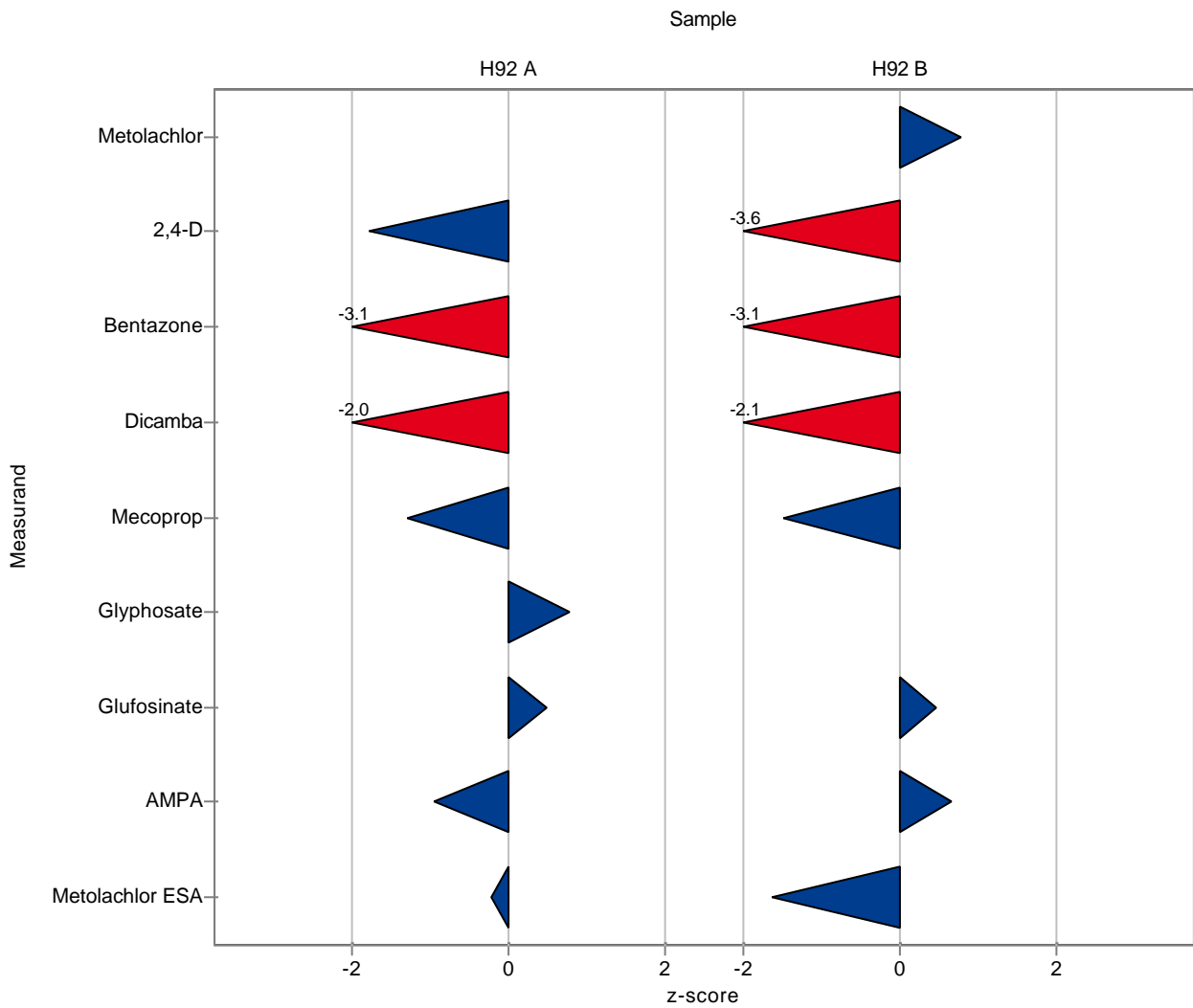
Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor	µg/l	-	± -	-	-	-	-	-
Metazachlor	µg/l	-	± -	-	-	-	-	-
Metolachlor	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
2,4-D	µg/l	0.356	± 0.0442	0.254	0.051	0.0571	71.4	-1.78
Bentazone	µg/l	0.238	± 0.0209	0.147	0.029	0.0296	61.6	-3.09
Dicamba	µg/l	0.466	± 0.089	0.269	0.054	0.0984	57.7	-2.00
Dichlorprop	µg/l	0.436	± 0.043	-	-	0.0555	-	-
Mecoprop	µg/l	0.255	± 0.0305	0.197	0.039	0.0454	77.1	-1.29
2,4,5-Trichlorophenoxyacetic	µg/l	0.624	± 0.0702	-	-	0.0776	-	-
Glyphosate	µg/l	0.148	± 0.0439	0.184	0.04	0.0463	124.1	0.77
Glufosinate	µg/l	0.369	± 0.151	0.443	0.09	0.151	119.9	0.49
AMPA	µg/l	0.156	± 0.0342	0.128	0.03	0.0302	81.8	-0.94
Metolachlor ESA	µg/l	0.132	± 0.0336	0.123	0.025	0.0434	93.0	-0.21
Metolachlor OA	µg/l	0.233	± 0.032	-	-	0.0385	-	-
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.281	± 0.0785	-	-	0.0641	-	-
Metazachlor ESA	µg/l	0.406	± 0.0789	-	-	0.0831	-	-
Metazachlor OA	µg/l	0.0703	± 0.0155	-	-	0.0127	-	-

Sample: H92B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor	µg/l	0.697	± 0.055	-	-	0.0661	-	-
Metazachlor	µg/l	0.551	± 0.0685	-	-	0.0969	-	-
Metolachlor	µg/l	0.122	± 0.0175	0.143	0.029	0.0261	116.8	0.79
2,4-D	µg/l	0.815	± 0.0724	0.492	0.098	0.0903	60.4	-3.57
Bentazone	µg/l	0.322	± 0.0249	0.211	0.042	0.0362	65.6	-3.07
Dicamba	µg/l	0.838	± 0.164	0.459	0.092	0.181	54.8	-2.10
Dichlorprop	µg/l	-	± -	-	-	-	-	-
Mecoprop	µg/l	0.708	± 0.0628	0.569	0.114	0.0937	80.4	-1.49
2,4,5-Trichlorophenoxyacetic	µg/l	-	± -	-	-	-	-	-
Glyphosate	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Glufosinate	µg/l	0.567	± 0.119	0.618	0.12	0.112	109.0	0.45
AMPA	µg/l	1.03	± 0.0835	1.082	0.22	0.0835	105.4	0.66
Metolachlor ESA	µg/l	0.283	± 0.047	0.184	0.037	0.0607	65.0	-1.63
Metolachlor OA	µg/l	0.435	± 0.0204	-	-	0.0216	-	-



Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	-	± -	-	-	-	-	-
Metazachlor ESA	µg/l	0.596	± 0.107	-	-	0.118	-	-
Metazachlor OA	µg/l	-	± -	-	-	-	-	-



The following results were achieved:

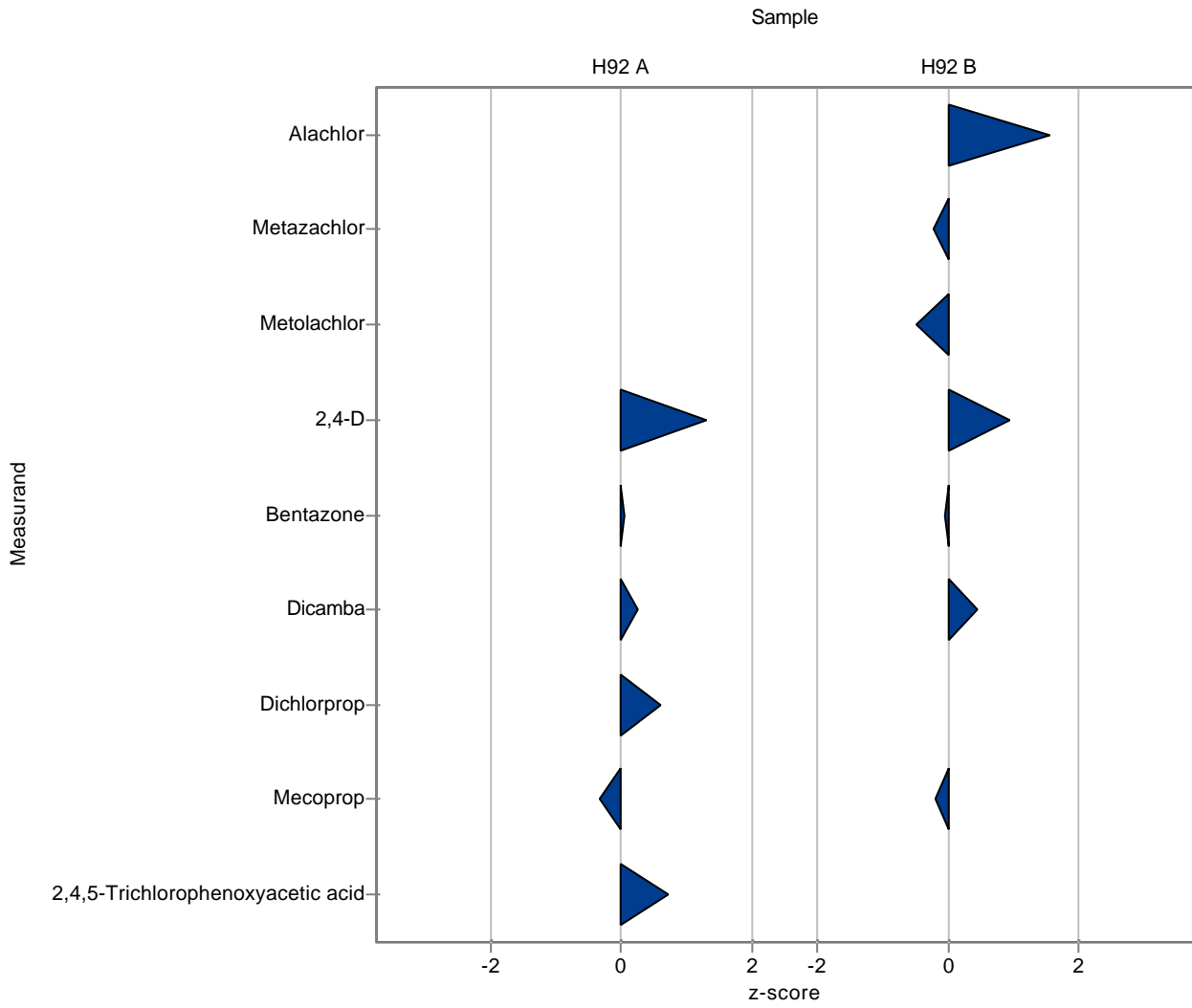
Sample: H92A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor	µg/l	-	± -	<0.003 (LOQ)	-	-	-	-
Metazachlor	µg/l	-	± -	<0.005 (LOQ)	-	-	-	-
Metolachlor	µg/l	-	± -	<0.003 (LOQ)	-	-	-	-
2,4-D	µg/l	0.356	± 0.0442	0.43	0.086	0.0571	120.9	1.30
Bentazone	µg/l	0.238	± 0.0209	0.24	0.048	0.0296	100.7	0.05
Dicamba	µg/l	0.466	± 0.089	0.49	0.098	0.0984	105.2	0.24
Dichlorprop	µg/l	0.436	± 0.043	0.47	0.094	0.0555	107.8	0.61
Mecoprop	µg/l	0.255	± 0.0305	0.24	0.048	0.0454	94.0	-0.34
2,4,5-Trichlorophenoxyacetic	µg/l	0.624	± 0.0702	0.68	0.14	0.0776	108.9	0.72
Glyphosate	µg/l	0.148	± 0.0439	-	-	0.0463	-	-
Glufosinate	µg/l	0.369	± 0.151	-	-	0.151	-	-
AMPA	µg/l	0.156	± 0.0342	-	-	0.0302	-	-
Metolachlor ESA	µg/l	0.132	± 0.0336	-	-	0.0434	-	-
Metolachlor OA	µg/l	0.233	± 0.032	-	-	0.0385	-	-
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.281	± 0.0785	-	-	0.0641	-	-
Metazachlor ESA	µg/l	0.406	± 0.0789	-	-	0.0831	-	-
Metazachlor OA	µg/l	0.0703	± 0.0155	-	-	0.0127	-	-

Sample: H92B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor	µg/l	0.697	± 0.055	0.8	0.16	0.0661	114.7	1.55
Metazachlor	µg/l	0.551	± 0.0685	0.53	0.11	0.0969	96.2	-0.22
Metolachlor	µg/l	0.122	± 0.0175	0.11	0.017	0.0261	89.9	-0.47
2,4-D	µg/l	0.815	± 0.0724	0.9	0.18	0.0903	110.5	0.94
Bentazone	µg/l	0.322	± 0.0249	0.32	0.064	0.0362	99.4	-0.05
Dicamba	µg/l	0.838	± 0.164	0.92	0.18	0.181	109.8	0.45
Dichlorprop	µg/l	-	± -	<0.006 (LOQ)	-	-	-	-
Mecoprop	µg/l	0.708	± 0.0628	0.69	0.14	0.0937	97.4	-0.19
2,4,5-Trichlorophenoxyacetic	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-
Glyphosate	µg/l	-	± -	-	-	-	-	-
Glufosinate	µg/l	0.567	± 0.119	-	-	0.112	-	-
AMPA	µg/l	1.03	± 0.0835	-	-	0.0835	-	-
Metolachlor ESA	µg/l	0.283	± 0.047	-	-	0.0607	-	-
Metolachlor OA	µg/l	0.435	± 0.0204	-	-	0.0216	-	-

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	-	± -	-	-	-	-	-
Metazachlor ESA	µg/l	0.596	± 0.107	-	-	0.118	-	-
Metazachlor OA	µg/l	-	± -	-	-	-	-	-



The following results were achieved:

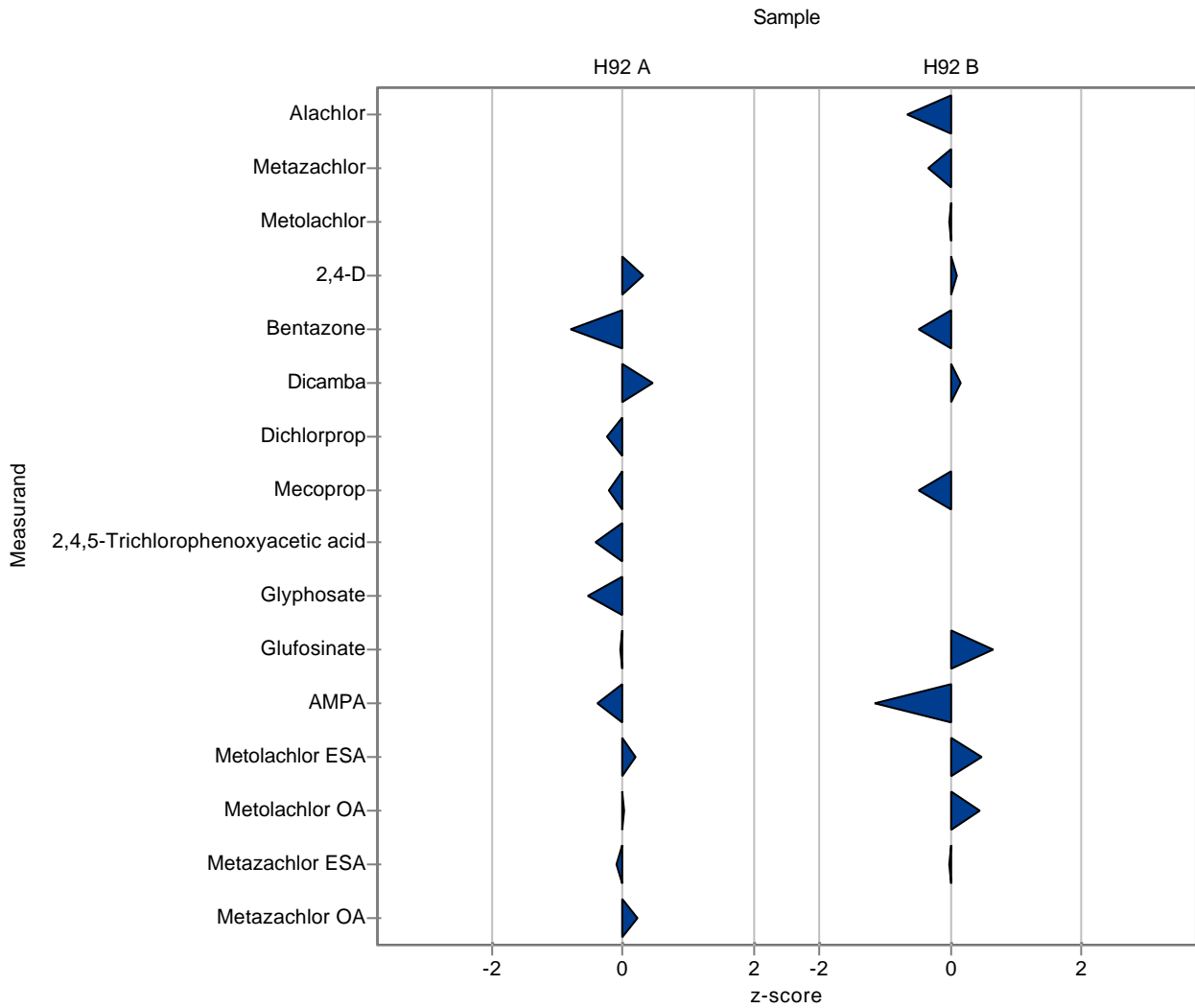
Sample: H92A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-
Metazachlor	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-
Metolachlor	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-
2,4-D	µg/l	0.356	± 0.0442	0.374	0.06	0.0571	105.1	0.32
Bentazone	µg/l	0.238	± 0.0209	0.215	0.006	0.0296	90.2	-0.79
Dicamba	µg/l	0.466	± 0.089	0.511	0.03	0.0984	109.7	0.46
Dichlorprop	µg/l	0.436	± 0.043	0.422	0.015	0.0555	96.8	-0.25
Mecoprop	µg/l	0.255	± 0.0305	0.246	0.005	0.0454	96.3	-0.21
2,4,5-Trichlorophenoxyacetic	µg/l	0.624	± 0.0702	0.592	0.02	0.0776	94.8	-0.41
Glyphosate	µg/l	0.148	± 0.0439	0.123	0.007	0.0463	82.9	-0.55
Glufosinate	µg/l	0.369	± 0.151	0.362	0.04	0.151	98.0	-0.05
AMPA	µg/l	0.156	± 0.0342	0.145	0.007	0.0302	92.7	-0.38
Metolachlor ESA	µg/l	0.132	± 0.0336	0.14	0.012	0.0434	105.8	0.18
Metolachlor OA	µg/l	0.233	± 0.032	0.234	0.012	0.0385	100.4	0.02
Alachlor ESA	µg/l	-	± -	<1 (LOQ)	-	-	-	-
Alachlor OA	µg/l	0.281	± 0.0785	<1 (LOQ)	-	0.0641	-	-
Metazachlor ESA	µg/l	0.406	± 0.0789	0.397	0.07	0.0831	97.8	-0.11
Metazachlor OA	µg/l	0.0703	± 0.0155	0.073	0.007	0.0127	103.8	0.21

Sample: H92B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor	µg/l	0.697	± 0.055	0.654	0.006	0.0661	93.8	-0.66
Metazachlor	µg/l	0.551	± 0.0685	0.517	0.003	0.0969	93.8	-0.35
Metolachlor	µg/l	0.122	± 0.0175	0.122	0.002	0.0261	99.7	-0.02
2,4-D	µg/l	0.815	± 0.0724	0.824	0.02	0.0903	101.1	0.10
Bentazone	µg/l	0.322	± 0.0249	0.304	0.007	0.0362	94.5	-0.49
Dicamba	µg/l	0.838	± 0.164	0.869	0.09	0.181	103.7	0.17
Dichlorprop	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-
Mecoprop	µg/l	0.708	± 0.0628	0.662	0.015	0.0937	93.5	-0.49
2,4,5-Trichlorophenoxyacetic	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-
Glyphosate	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Glufosinate	µg/l	0.567	± 0.119	0.64	0.12	0.112	112.9	0.65
AMPA	µg/l	1.03	± 0.0835	0.93	0.002	0.0835	90.6	-1.16
Metolachlor ESA	µg/l	0.283	± 0.047	0.312	0.09	0.0607	110.2	0.48
Metolachlor OA	µg/l	0.435	± 0.0204	0.445	0.02	0.0216	102.3	0.46

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	-	± -	-	-	-	-	-
Metazachlor ESA	µg/l	0.596	± 0.107	0.595	0.07	0.118	99.8	-0.01
Metazachlor OA	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-





The following results were achieved:

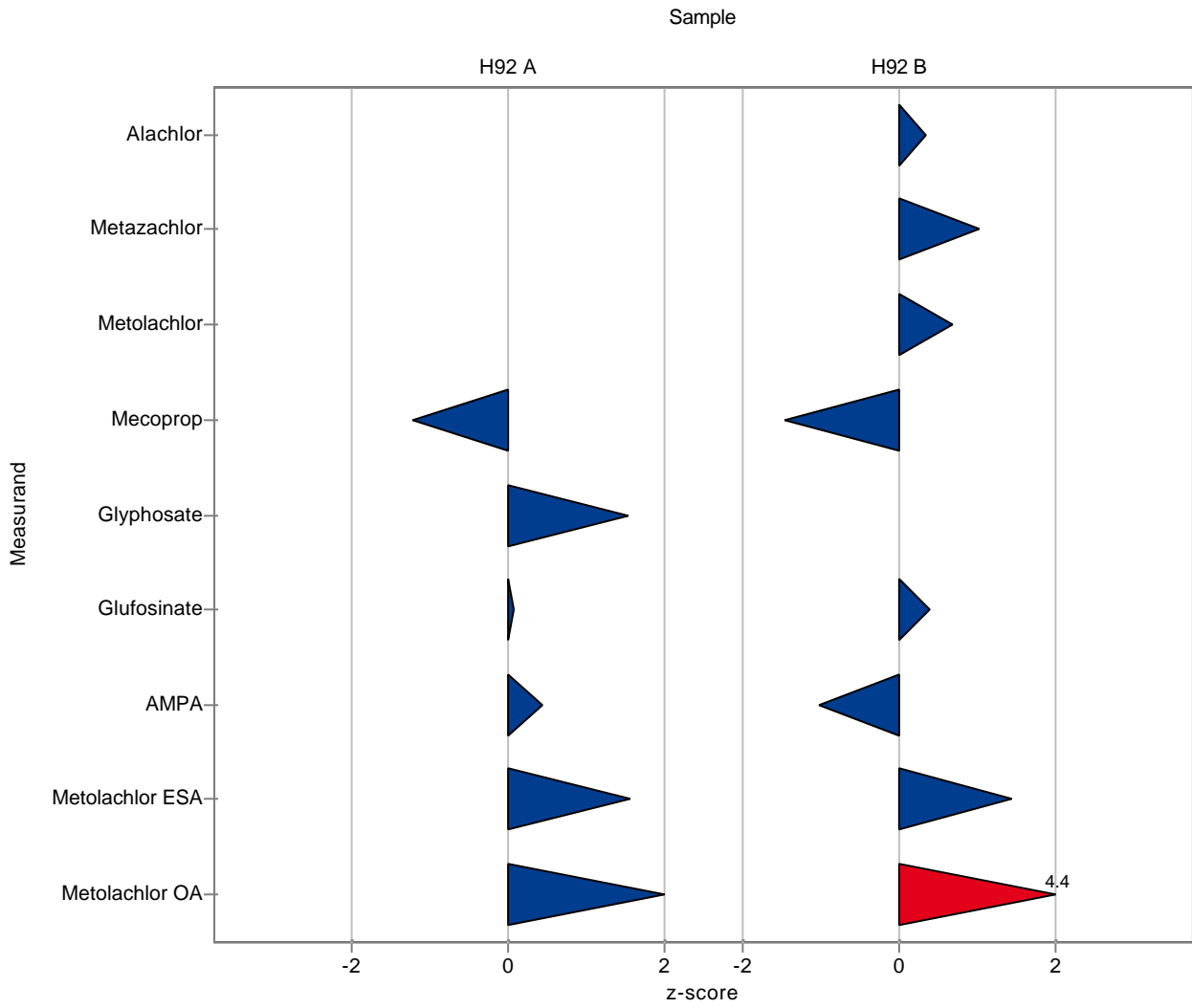
Sample: H92A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-
Metazachlor	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-
Metolachlor	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-
2,4-D	µg/l	0.356	± 0.0442	-	-	0.0571	-	-
Bentazone	µg/l	0.238	± 0.0209	-	-	0.0296	-	-
Dicamba	µg/l	0.466	± 0.089	-	-	0.0984	-	-
Dichlorprop	µg/l	0.436	± 0.043	-	-	0.0555	-	-
Mecoprop	µg/l	0.255	± 0.0305	0.2	0.04	0.0454	78.3	-1.22
2,4,5-Trichlorophenoxyacetic	µg/l	0.624	± 0.0702	-	-	0.0776	-	-
Glyphosate	µg/l	0.148	± 0.0439	0.22	0.04	0.0463	148.3	1.55
Glufosinate	µg/l	0.369	± 0.151	0.38	0.08	0.151	102.9	0.07
AMPA	µg/l	0.156	± 0.0342	0.17	0.03	0.0302	108.7	0.45
Metolachlor ESA	µg/l	0.132	± 0.0336	0.2	0.04	0.0434	151.2	1.56
Metolachlor OA	µg/l	0.233	± 0.032	0.31	0.06	0.0385	133.0	2.00
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.281	± 0.0785	-	-	0.0641	-	-
Metazachlor ESA	µg/l	0.406	± 0.0789	-	-	0.0831	-	-
Metazachlor OA	µg/l	0.0703	± 0.0155	-	-	0.0127	-	-

Sample: H92B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor	µg/l	0.697	± 0.055	0.72	0.14	0.0661	103.3	0.34
Metazachlor	µg/l	0.551	± 0.0685	0.65	0.13	0.0969	117.9	1.02
Metolachlor	µg/l	0.122	± 0.0175	0.14	0.03	0.0261	114.4	0.67
2,4-D	µg/l	0.815	± 0.0724	-	-	0.0903	-	-
Bentazone	µg/l	0.322	± 0.0249	-	-	0.0362	-	-
Dicamba	µg/l	0.838	± 0.164	-	-	0.181	-	-
Dichlorprop	µg/l	-	± -	-	-	-	-	-
Mecoprop	µg/l	0.708	± 0.0628	0.57	0.11	0.0937	80.5	-1.47
2,4,5-Trichlorophenoxyacetic	µg/l	-	± -	-	-	-	-	-
Glyphosate	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-
Glufosinate	µg/l	0.567	± 0.119	0.61	0.12	0.112	107.6	0.38
AMPA	µg/l	1.03	± 0.0835	0.94	0.19	0.0835	91.6	-1.04
Metolachlor ESA	µg/l	0.283	± 0.047	0.37	0.07	0.0607	130.7	1.43
Metolachlor OA	µg/l	0.435	± 0.0204	0.53	0.11	0.0216	121.8	4.41

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	-	± -	-	-	-	-	-
Metazachlor ESA	µg/l	0.596	± 0.107	-	-	0.118	-	-
Metazachlor OA	µg/l	-	± -	-	-	-	-	-



The following results were achieved:

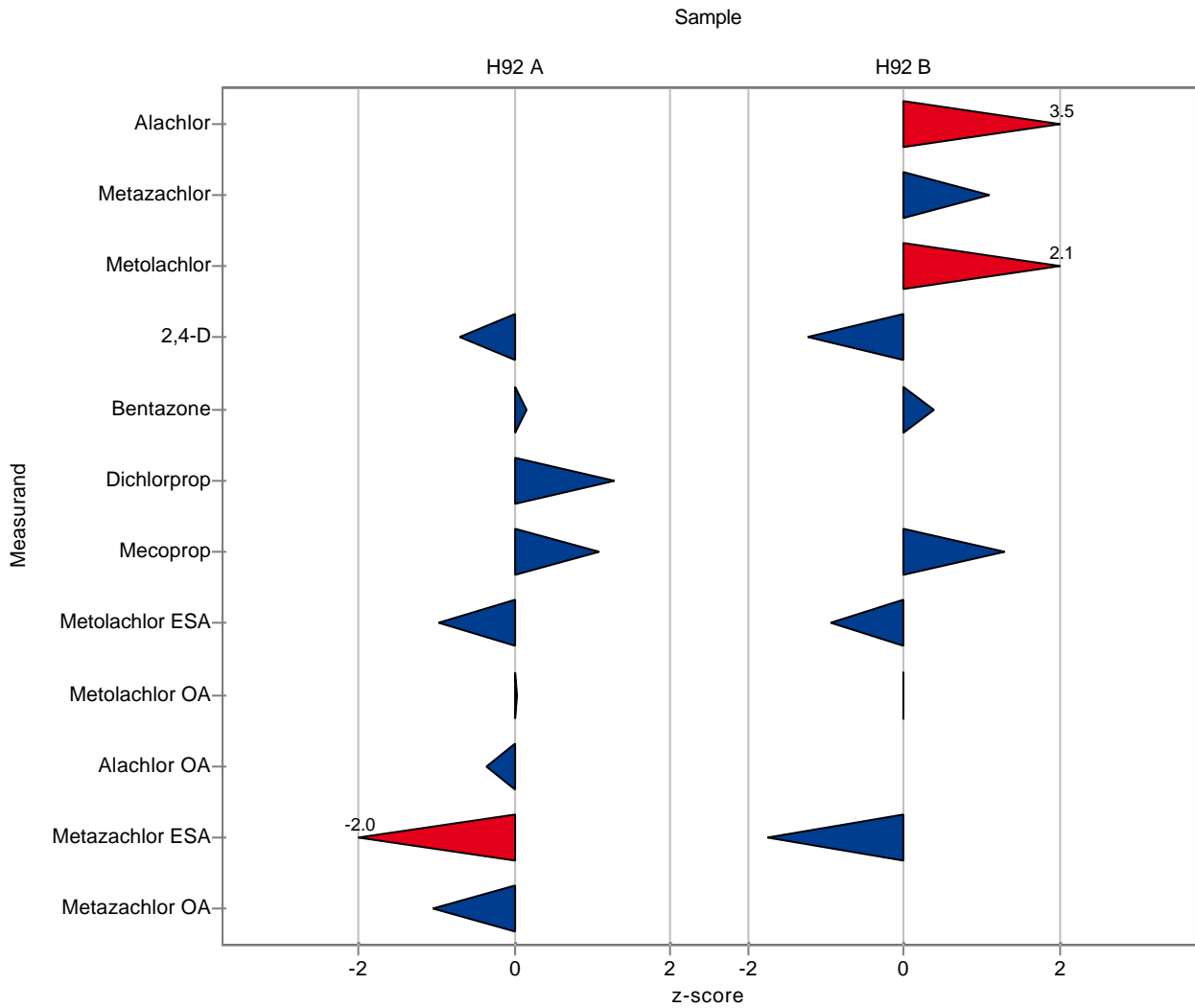
Sample: H92A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-
Metazachlor	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Metolachlor	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
2,4-D	µg/l	0.356	± 0.0442	0.316	-	0.0571	88.8	-0.70
Bentazone	µg/l	0.238	± 0.0209	0.243	-	0.0296	101.9	0.15
Dicamba	µg/l	0.466	± 0.089	-	-	0.0984	-	-
Dichlorprop	µg/l	0.436	± 0.043	0.508	-	0.0555	116.5	1.30
Mecoprop	µg/l	0.255	± 0.0305	0.305	-	0.0454	119.4	1.09
2,4,5-Trichlorophenoxyacetic	µg/l	0.624	± 0.0702	-	-	0.0776	-	-
Glyphosate	µg/l	0.148	± 0.0439	-	-	0.0463	-	-
Glufosinate	µg/l	0.369	± 0.151	-	-	0.151	-	-
AMPA	µg/l	0.156	± 0.0342	-	-	0.0302	-	-
Metolachlor ESA	µg/l	0.132	± 0.0336	0.09	-	0.0434	68.0	-0.97
Metolachlor OA	µg/l	0.233	± 0.032	0.234	-	0.0385	100.4	0.02
Alachlor ESA	µg/l	-	± -	0.486	-	-	-	-
Alachlor OA	µg/l	0.281	± 0.0785	0.258	-	0.0641	92.0	-0.35
Metazachlor ESA	µg/l	0.406	± 0.0789	0.237	-	0.0831	58.4	-2.03
Metazachlor OA	µg/l	0.0703	± 0.0155	0.057	-	0.0127	81.0	-1.05

Sample: H92B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor	µg/l	0.697	± 0.055	0.926	-	0.0661	132.8	3.46
Metazachlor	µg/l	0.551	± 0.0685	0.657	-	0.0969	119.2	1.09
Metolachlor	µg/l	0.122	± 0.0175	0.176	-	0.0261	143.8	2.05
2,4-D	µg/l	0.815	± 0.0724	0.704	-	0.0903	86.4	-1.23
Bentazone	µg/l	0.322	± 0.0249	0.336	-	0.0362	104.4	0.39
Dicamba	µg/l	0.838	± 0.164	-	-	0.181	-	-
Dichlorprop	µg/l	-	± -	<0.03 (LOQ)	-	-	-	-
Mecoprop	µg/l	0.708	± 0.0628	0.83	-	0.0937	117.2	1.30
2,4,5-Trichlorophenoxyacetic	µg/l	-	± -	-	-	-	-	-
Glyphosate	µg/l	-	± -	-	-	-	-	-
Glufosinate	µg/l	0.567	± 0.119	-	-	0.112	-	-
AMPA	µg/l	1.03	± 0.0835	-	-	0.0835	-	-
Metolachlor ESA	µg/l	0.283	± 0.047	0.226	-	0.0607	79.8	-0.94
Metolachlor OA	µg/l	0.435	± 0.0204	0.435	-	0.0216	100.0	0.00

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor ESA	µg/l	-	± -	0.699	-	-	-	-
Alachlor OA	µg/l	-	± -	0.379	-	-	-	-
Metazachlor ESA	µg/l	0.596	± 0.107	0.389	-	0.118	65.2	-1.76
Metazachlor OA	µg/l	-	± -	<0.04 (LOQ)	-	-	-	-



The following results were achieved:

Sample: H92A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor	µg/l	-	± -	-	-	-	-	-
Metazachlor	µg/l	-	± -	-	-	-	-	-
Metolachlor	µg/l	-	± -	-	-	-	-	-
2,4-D	µg/l	0.356	± 0.0442	-	-	0.0571	-	-
Bentazone	µg/l	0.238	± 0.0209	-	-	0.0296	-	-
Dicamba	µg/l	0.466	± 0.089	-	-	0.0984	-	-
Dichlorprop	µg/l	0.436	± 0.043	-	-	0.0555	-	-
Mecoprop	µg/l	0.255	± 0.0305	-	-	0.0454	-	-
2,4,5-Trichlorophenoxyacetic	µg/l	0.624	± 0.0702	-	-	0.0776	-	-
Glyphosate	µg/l	0.148	± 0.0439	-	-	0.0463	-	-
Glufosinate	µg/l	0.369	± 0.151	-	-	0.151	-	-
AMPA	µg/l	0.156	± 0.0342	-	-	0.0302	-	-
Metolachlor ESA	µg/l	0.132	± 0.0336	-	-	0.0434	-	-
Metolachlor OA	µg/l	0.233	± 0.032	-	-	0.0385	-	-
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.281	± 0.0785	-	-	0.0641	-	-
Metazachlor ESA	µg/l	0.406	± 0.0789	-	-	0.0831	-	-
Metazachlor OA	µg/l	0.0703	± 0.0155	-	-	0.0127	-	-

Sample: H92B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor	µg/l	0.697	± 0.055	-	-	0.0661	-	-
Metazachlor	µg/l	0.551	± 0.0685	-	-	0.0969	-	-
Metolachlor	µg/l	0.122	± 0.0175	-	-	0.0261	-	-
2,4-D	µg/l	0.815	± 0.0724	-	-	0.0903	-	-
Bentazone	µg/l	0.322	± 0.0249	-	-	0.0362	-	-
Dicamba	µg/l	0.838	± 0.164	-	-	0.181	-	-
Dichlorprop	µg/l	-	± -	-	-	-	-	-
Mecoprop	µg/l	0.708	± 0.0628	-	-	0.0937	-	-
2,4,5-Trichlorophenoxyacetic	µg/l	-	± -	-	-	-	-	-
Glyphosate	µg/l	-	± -	-	-	-	-	-
Glufosinate	µg/l	0.567	± 0.119	-	-	0.112	-	-
AMPA	µg/l	1.03	± 0.0835	-	-	0.0835	-	-
Metolachlor ESA	µg/l	0.283	± 0.047	-	-	0.0607	-	-
Metolachlor OA	µg/l	0.435	± 0.0204	-	-	0.0216	-	-

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	-	± -	-	-	-	-	-
Metazachlor ESA	µg/l	0.596	± 0.107	-	-	0.118	-	-
Metazachlor OA	µg/l	-	± -	-	-	-	-	-



The following results were achieved:

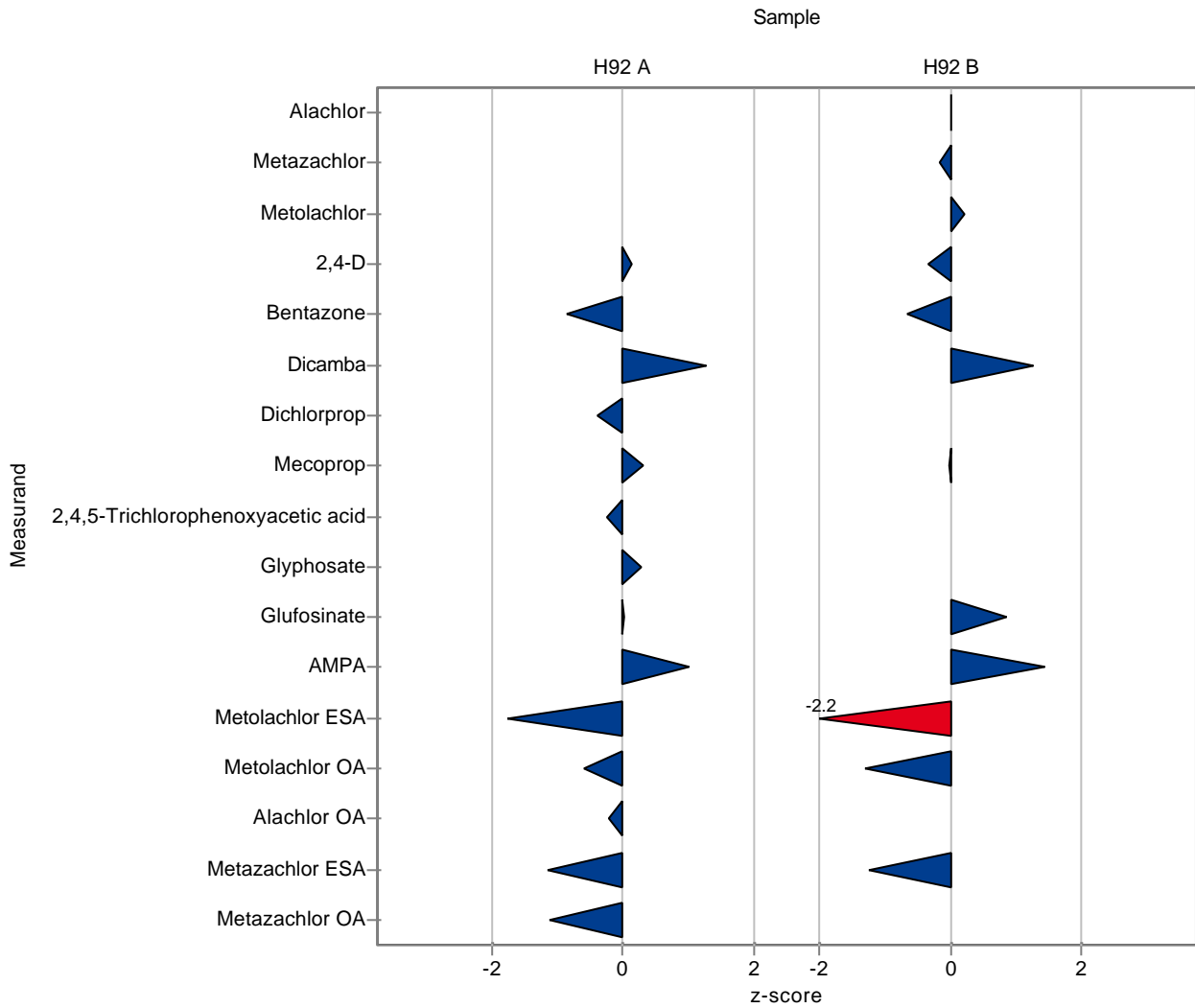
Sample: H92A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-
Metazachlor	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-
Metolachlor	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-
2,4-D	µg/l	0.356	± 0.0442	0.364	-	0.0571	102.3	0.14
Bentazone	µg/l	0.238	± 0.0209	0.213	-	0.0296	89.3	-0.86
Dicamba	µg/l	0.466	± 0.089	0.592	-	0.0984	127.1	1.28
Dichlorprop	µg/l	0.436	± 0.043	0.415	-	0.0555	95.2	-0.38
Mecoprop	µg/l	0.255	± 0.0305	0.269	-	0.0454	105.3	0.30
2,4,5-Trichlorophenoxyacetic	µg/l	0.624	± 0.0702	0.605	-	0.0776	96.9	-0.25
Glyphosate	µg/l	0.148	± 0.0439	0.161	-	0.0463	108.6	0.27
Glufosinate	µg/l	0.369	± 0.151	0.37	-	0.151	100.2	0.00
AMPA	µg/l	0.156	± 0.0342	0.187	-	0.0302	119.5	1.01
Metolachlor ESA	µg/l	0.132	± 0.0336	0.056	-	0.0434	42.3	-1.76
Metolachlor OA	µg/l	0.233	± 0.032	0.21	-	0.0385	90.1	-0.60
Alachlor ESA	µg/l	-	± -	0.298	-	-	-	-
Alachlor OA	µg/l	0.281	± 0.0785	0.266	-	0.0641	94.8	-0.23
Metazachlor ESA	µg/l	0.406	± 0.0789	0.31	-	0.0831	76.4	-1.15
Metazachlor OA	µg/l	0.0703	± 0.0155	0.056	-	0.0127	79.6	-1.13

Sample: H92B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor	µg/l	0.697	± 0.055	0.699	-	0.0661	100.2	0.03
Metazachlor	µg/l	0.551	± 0.0685	0.534	-	0.0969	96.9	-0.18
Metolachlor	µg/l	0.122	± 0.0175	0.128	-	0.0261	104.6	0.21
2,4-D	µg/l	0.815	± 0.0724	0.784	-	0.0903	96.2	-0.34
Bentazone	µg/l	0.322	± 0.0249	0.298	-	0.0362	92.6	-0.66
Dicamba	µg/l	0.838	± 0.164	1.069	-	0.181	127.6	1.28
Dichlorprop	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-
Mecoprop	µg/l	0.708	± 0.0628	0.706	-	0.0937	99.7	-0.02
2,4,5-Trichlorophenoxyacetic	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-
Glyphosate	µg/l	-	± -	0.015	-	-	-	-
Glufosinate	µg/l	0.567	± 0.119	0.663	-	0.112	116.9	0.86
AMPA	µg/l	1.03	± 0.0835	1.146	-	0.0835	111.6	1.43
Metolachlor ESA	µg/l	0.283	± 0.047	0.152	-	0.0607	53.7	-2.16
Metolachlor OA	µg/l	0.435	± 0.0204	0.407	-	0.0216	93.6	-1.30

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor ESA	µg/l	-	± -	0.489	-	-	-	-
Alachlor OA	µg/l	-	± -	0.382	-	-	-	-
Metazachlor ESA	µg/l	0.596	± 0.107	0.451	-	0.118	75.6	-1.23
Metazachlor OA	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-



The following results were achieved:

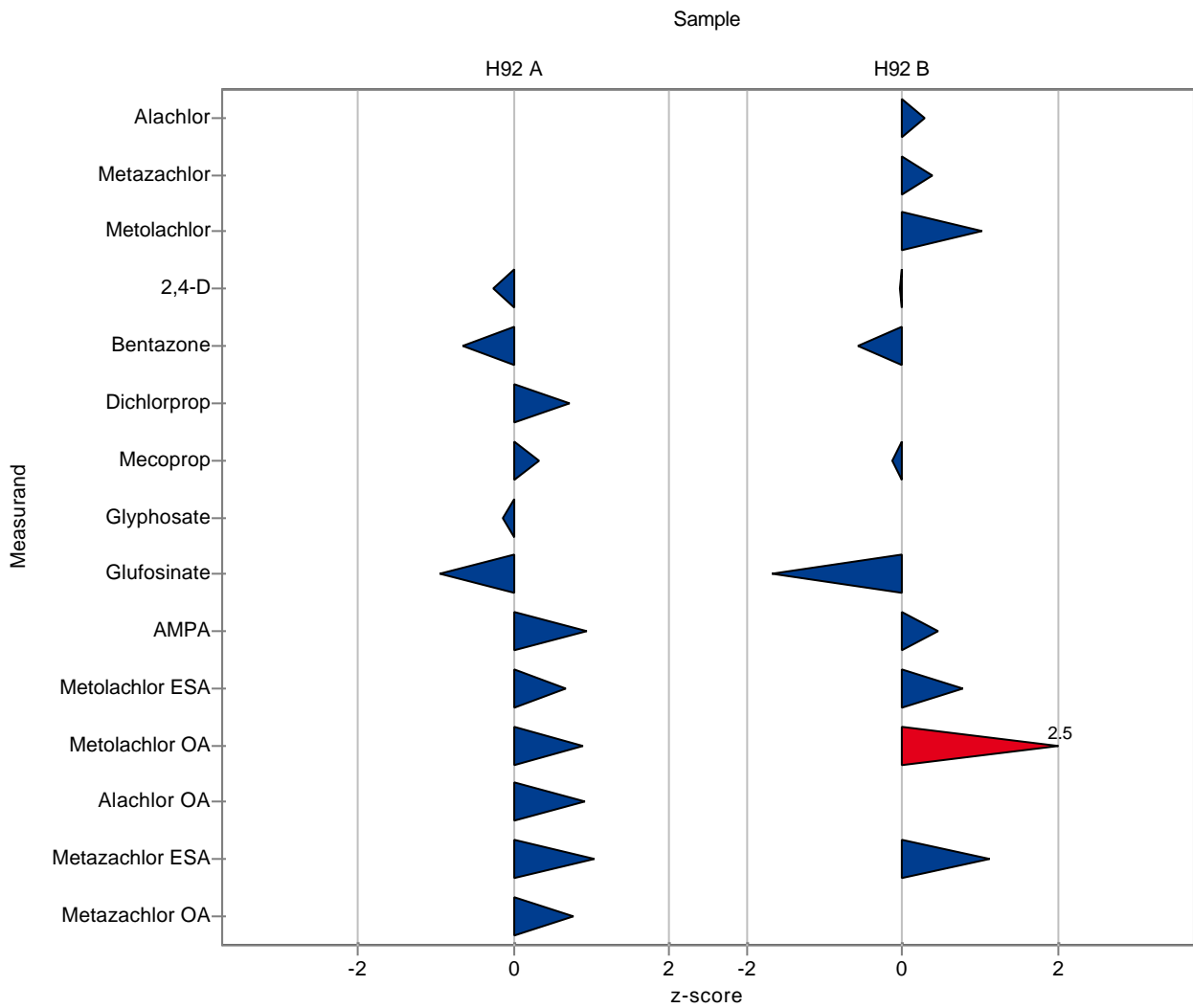
Sample: H92A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor	µg/l	-	± -	<20 (LOQ)	-	-	-	-
Metazachlor	µg/l	-	± -	<20 (LOQ)	-	-	-	-
Metolachlor	µg/l	-	± -	<20 (LOQ)	-	-	-	-
2,4-D	µg/l	0.356	± 0.0442	0.341	0.085	0.0571	95.9	-0.26
Bentazone	µg/l	0.238	± 0.0209	0.219	0.055	0.0296	91.8	-0.66
Dicamba	µg/l	0.466	± 0.089	-	-	0.0984	-	-
Dichlorprop	µg/l	0.436	± 0.043	0.476	0.119	0.0555	109.1	0.72
Mecoprop	µg/l	0.255	± 0.0305	0.27	0.067	0.0454	105.7	0.32
2,4,5-Trichlorophenoxyacetic	µg/l	0.624	± 0.0702	-	-	0.0776	-	-
Glyphosate	µg/l	0.148	± 0.0439	0.142	0.028	0.0463	95.8	-0.14
Glufosinate	µg/l	0.369	± 0.151	0.225	0.045	0.151	60.9	-0.95
AMPA	µg/l	0.156	± 0.0342	0.185	0.037	0.0302	118.3	0.95
Metolachlor ESA	µg/l	0.132	± 0.0336	0.161	0.04	0.0434	121.7	0.66
Metolachlor OA	µg/l	0.233	± 0.032	0.267	0.067	0.0385	114.6	0.88
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.281	± 0.0785	0.339	0.085	0.0641	120.9	0.91
Metazachlor ESA	µg/l	0.406	± 0.0789	0.493	0.123	0.0831	121.5	1.05
Metazachlor OA	µg/l	0.0703	± 0.0155	0.08	0.02	0.0127	113.7	0.76

Sample: H92B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor	µg/l	0.697	± 0.055	0.717	0.179	0.0661	102.8	0.30
Metazachlor	µg/l	0.551	± 0.0685	0.588	0.147	0.0969	106.7	0.38
Metolachlor	µg/l	0.122	± 0.0175	0.149	0.037	0.0261	121.7	1.02
2,4-D	µg/l	0.815	± 0.0724	0.812	0.203	0.0903	99.7	-0.03
Bentazone	µg/l	0.322	± 0.0249	0.301	0.075	0.0362	93.5	-0.58
Dicamba	µg/l	0.838	± 0.164	-	-	0.181	-	-
Dichlorprop	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-
Mecoprop	µg/l	0.708	± 0.0628	0.696	0.174	0.0937	98.3	-0.13
2,4,5-Trichlorophenoxyacetic	µg/l	-	± -	-	-	-	-	-
Glyphosate	µg/l	-	± -	0.013	0.0025	-	-	-
Glufosinate	µg/l	0.567	± 0.119	0.378	0.076	0.112	66.7	-1.69
AMPA	µg/l	1.03	± 0.0835	1.065	0.213	0.0835	103.7	0.46
Metolachlor ESA	µg/l	0.283	± 0.047	0.331	0.083	0.0607	116.9	0.79
Metolachlor OA	µg/l	0.435	± 0.0204	0.488	0.122	0.0216	112.2	2.46

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	-	± -	0.467	0.117	-	-	-
Metazachlor ESA	µg/l	0.596	± 0.107	0.73	0.182	0.118	122.4	1.13
Metazachlor OA	µg/l	-	± -	<20 (LOQ)	-	-	-	-



The following results were achieved:

Sample: H92A

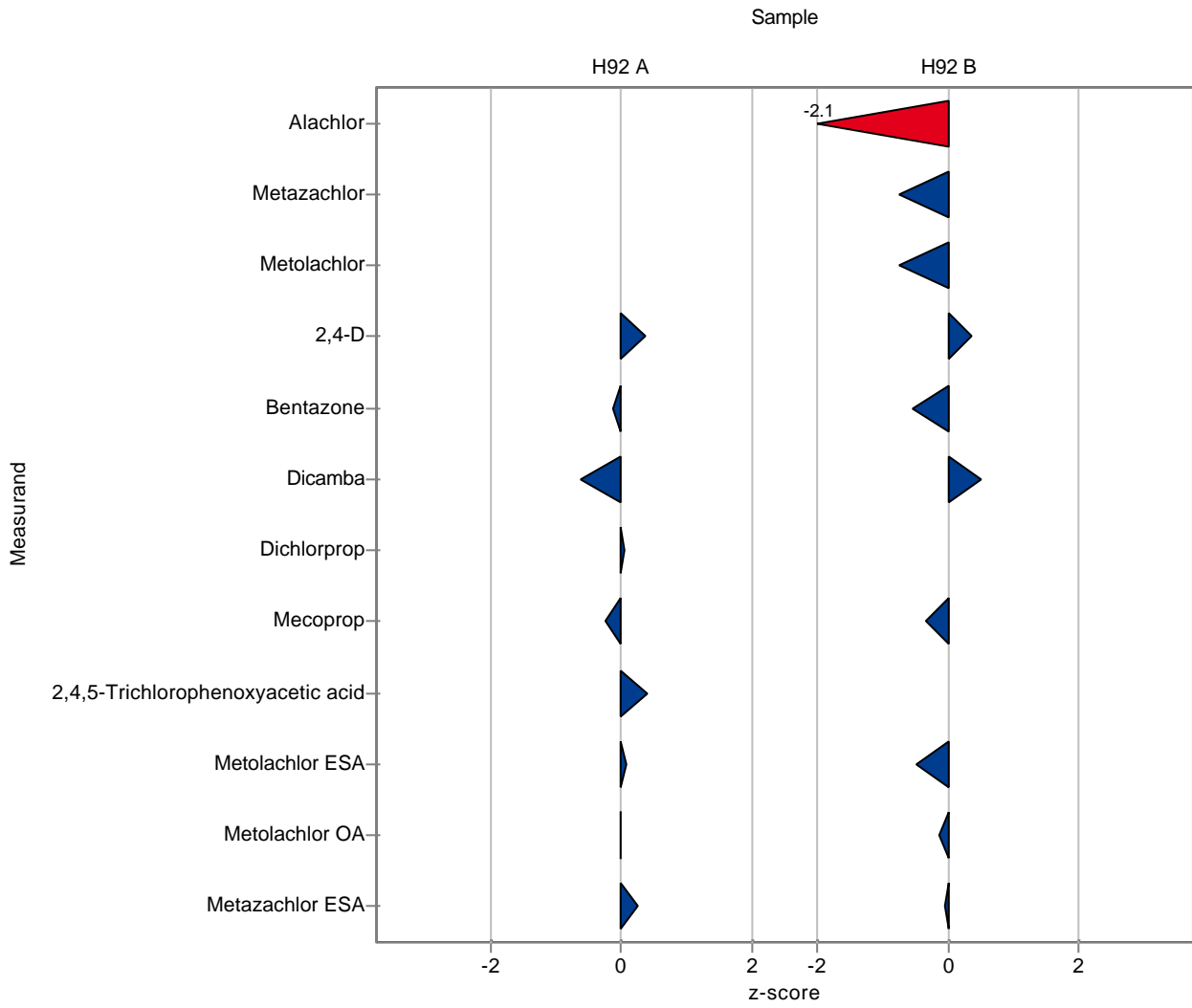
Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Metazachlor	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Metolachlor	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
2,4-D	µg/l	0.356	± 0.0442	0.377	0.075	0.0571	106.0	0.37
Bentazone	µg/l	0.238	± 0.0209	0.235	0.047	0.0296	98.6	-0.12
Dicamba	µg/l	0.466	± 0.089	0.405	0.162	0.0984	86.9	-0.62
Dichlorprop	µg/l	0.436	± 0.043	0.439	0.088	0.0555	100.7	0.05
Mecoprop	µg/l	0.255	± 0.0305	0.244	0.049	0.0454	95.5	-0.25
2,4,5-Trichlorophenoxyacetic	µg/l	0.624	± 0.0702	0.654	0.131	0.0776	104.8	0.38
Glyphosate	µg/l	0.148	± 0.0439	-	-	0.0463	-	-
Glufosinate	µg/l	0.369	± 0.151	-	-	0.151	-	-
AMPA	µg/l	0.156	± 0.0342	-	-	0.0302	-	-
Metolachlor ESA	µg/l	0.132	± 0.0336	0.135	0.027	0.0434	102.1	0.06
Metolachlor OA	µg/l	0.233	± 0.032	0.233	0.047	0.0385	100.0	0.00
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.281	± 0.0785	-	-	0.0641	-	-
Metazachlor ESA	µg/l	0.406	± 0.0789	0.426	0.085	0.0831	105.0	0.24
Metazachlor OA	µg/l	0.0703	± 0.0155	-	-	0.0127	-	-

Sample: H92B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor	µg/l	0.697	± 0.055	0.556	0.113	0.0661	79.7	-2.14
Metazachlor	µg/l	0.551	± 0.0685	0.478	0.096	0.0969	86.7	-0.75
Metolachlor	µg/l	0.122	± 0.0175	0.103	0.021	0.0261	84.2	-0.74
2,4-D	µg/l	0.815	± 0.0724	0.848	0.17	0.0903	104.1	0.37
Bentazone	µg/l	0.322	± 0.0249	0.302	0.06	0.0362	93.8	-0.55
Dicamba	µg/l	0.838	± 0.164	0.929	0.372	0.181	110.9	0.50
Dichlorprop	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Mecoprop	µg/l	0.708	± 0.0628	0.677	0.135	0.0937	95.6	-0.33
2,4,5-Trichlorophenoxyacetic	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Glyphosate	µg/l	-	± -	-	-	-	-	-
Glufosinate	µg/l	0.567	± 0.119	-	-	0.112	-	-
AMPA	µg/l	1.03	± 0.0835	-	-	0.0835	-	-
Metolachlor ESA	µg/l	0.283	± 0.047	0.253	0.051	0.0607	89.4	-0.50
Metolachlor OA	µg/l	0.435	± 0.0204	0.432	0.086	0.0216	99.3	-0.14

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	-	± -	-	-	-	-	-
Metazachlor ESA	µg/l	0.596	± 0.107	0.592	0.118	0.118	99.3	-0.04
Metazachlor OA	µg/l	-	± -	-	-	-	-	-





The following results were achieved:

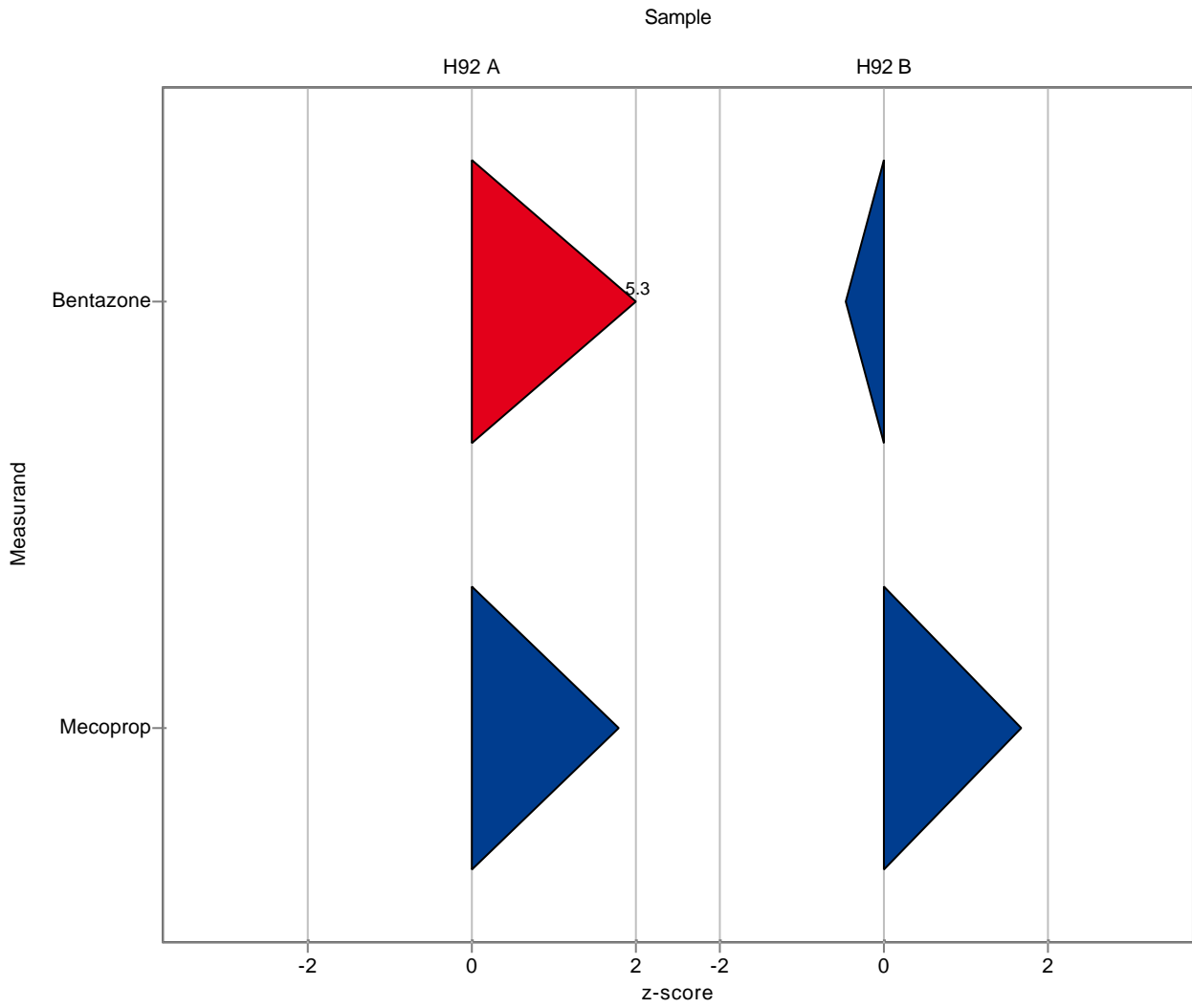
Sample: H92A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor	µg/l	-	± -	-	-	-	-	-
Metazachlor	µg/l	-	± -	-	-	-	-	-
Metolachlor	µg/l	-	± -	-	-	-	-	-
2,4-D	µg/l	0.356	± 0.0442	-	-	0.0571	-	-
Bentazone	µg/l	0.238	± 0.0209	0.395	-	0.0296	165.7	5.29
Dicamba	µg/l	0.466	± 0.089	-	-	0.0984	-	-
Dichlorprop	µg/l	0.436	± 0.043	-	-	0.0555	-	-
Mecoprop	µg/l	0.255	± 0.0305	0.336	-	0.0454	131.5	1.77
2,4,5-Trichlorophenoxyacetic	µg/l	0.624	± 0.0702	-	-	0.0776	-	-
Glyphosate	µg/l	0.148	± 0.0439	-	-	0.0463	-	-
Glufosinate	µg/l	0.369	± 0.151	-	-	0.151	-	-
AMPA	µg/l	0.156	± 0.0342	-	-	0.0302	-	-
Metolachlor ESA	µg/l	0.132	± 0.0336	-	-	0.0434	-	-
Metolachlor OA	µg/l	0.233	± 0.032	-	-	0.0385	-	-
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.281	± 0.0785	-	-	0.0641	-	-
Metazachlor ESA	µg/l	0.406	± 0.0789	-	-	0.0831	-	-
Metazachlor OA	µg/l	0.0703	± 0.0155	-	-	0.0127	-	-

Sample: H92B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor	µg/l	0.697	± 0.055	-	-	0.0661	-	-
Metazachlor	µg/l	0.551	± 0.0685	-	-	0.0969	-	-
Metolachlor	µg/l	0.122	± 0.0175	-	-	0.0261	-	-
2,4-D	µg/l	0.815	± 0.0724	-	-	0.0903	-	-
Bentazone	µg/l	0.322	± 0.0249	0.305	-	0.0362	94.8	-0.47
Dicamba	µg/l	0.838	± 0.164	-	-	0.181	-	-
Dichlorprop	µg/l	-	± -	-	-	-	-	-
Mecoprop	µg/l	0.708	± 0.0628	0.865	-	0.0937	122.1	1.67
2,4,5-Trichlorophenoxyacetic	µg/l	-	± -	-	-	-	-	-
Glyphosate	µg/l	-	± -	-	-	-	-	-
Glufosinate	µg/l	0.567	± 0.119	-	-	0.112	-	-
AMPA	µg/l	1.03	± 0.0835	-	-	0.0835	-	-
Metolachlor ESA	µg/l	0.283	± 0.047	-	-	0.0607	-	-
Metolachlor OA	µg/l	0.435	± 0.0204	-	-	0.0216	-	-

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	-	± -	-	-	-	-	-
Metazachlor ESA	µg/l	0.596	± 0.107	-	-	0.118	-	-
Metazachlor OA	µg/l	-	± -	-	-	-	-	-



The following results were achieved:

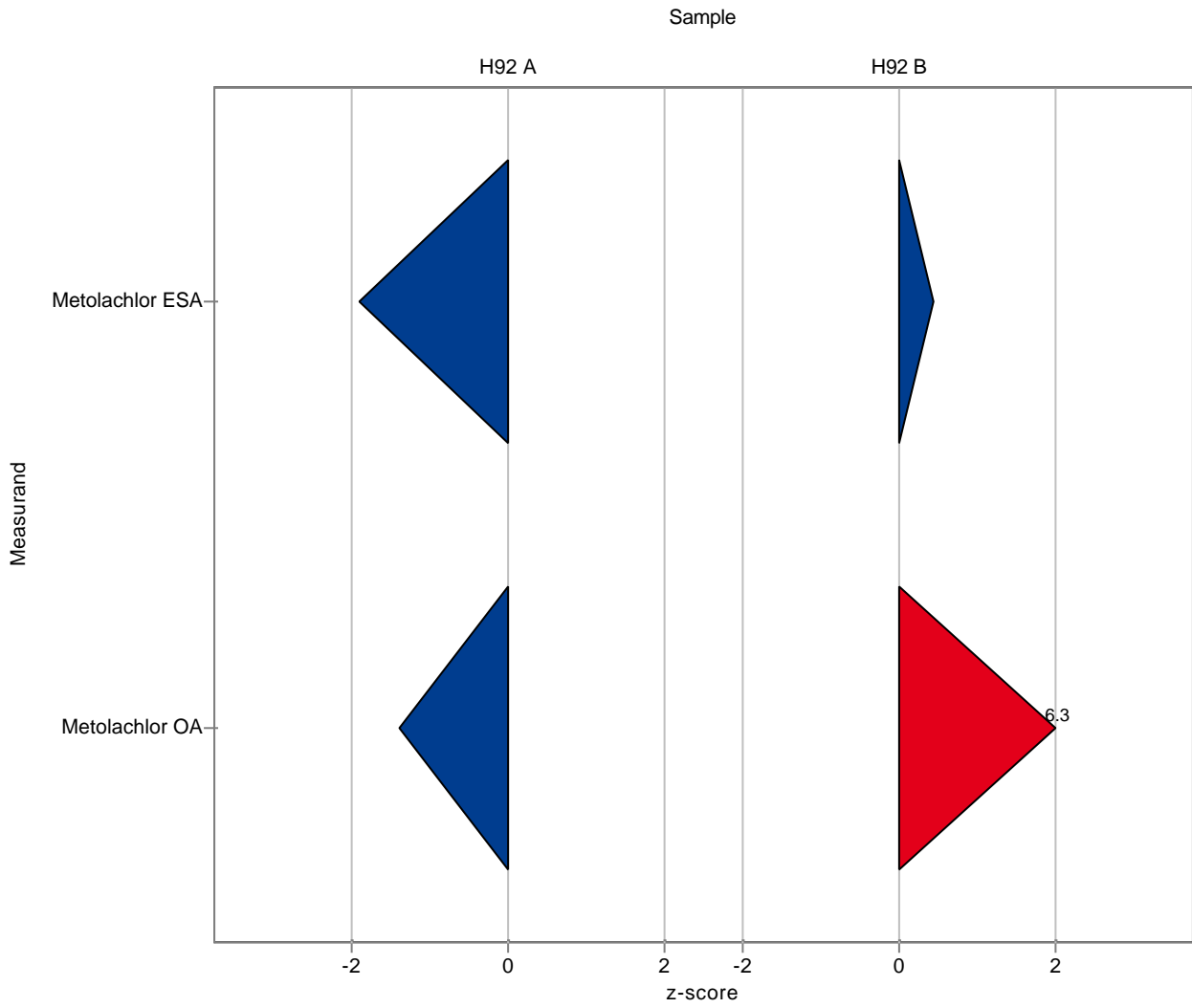
Sample: H92A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor	µg/l	-	± -	-	-	-	-	-
Metazachlor	µg/l	-	± -	-	-	-	-	-
Metolachlor	µg/l	-	± -	-	-	-	-	-
2,4-D	µg/l	0.356	± 0.0442	-	-	0.0571	-	-
Bentazone	µg/l	0.238	± 0.0209	-	-	0.0296	-	-
Dicamba	µg/l	0.466	± 0.089	-	-	0.0984	-	-
Dichlorprop	µg/l	0.436	± 0.043	-	-	0.0555	-	-
Mecoprop	µg/l	0.255	± 0.0305	-	-	0.0454	-	-
2,4,5-Trichlorophenoxyacetic	µg/l	0.624	± 0.0702	-	-	0.0776	-	-
Glyphosate	µg/l	0.148	± 0.0439	-	-	0.0463	-	-
Glufosinate	µg/l	0.369	± 0.151	-	-	0.151	-	-
AMPA	µg/l	0.156	± 0.0342	-	-	0.0302	-	-
Metolachlor ESA	µg/l	0.132	± 0.0336	0.05	0.02	0.0434	37.8	-1.90
Metolachlor OA	µg/l	0.233	± 0.032	0.18	0.04	0.0385	77.2	-1.38
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.281	± 0.0785	-	-	0.0641	-	-
Metazachlor ESA	µg/l	0.406	± 0.0789	-	-	0.0831	-	-
Metazachlor OA	µg/l	0.0703	± 0.0155	-	-	0.0127	-	-

Sample: H92B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor	µg/l	0.697	± 0.055	-	-	0.0661	-	-
Metazachlor	µg/l	0.551	± 0.0685	-	-	0.0969	-	-
Metolachlor	µg/l	0.122	± 0.0175	-	-	0.0261	-	-
2,4-D	µg/l	0.815	± 0.0724	-	-	0.0903	-	-
Bentazone	µg/l	0.322	± 0.0249	-	-	0.0362	-	-
Dicamba	µg/l	0.838	± 0.164	-	-	0.181	-	-
Dichlorprop	µg/l	-	± -	-	-	-	-	-
Mecoprop	µg/l	0.708	± 0.0628	-	-	0.0937	-	-
2,4,5-Trichlorophenoxyacetic	µg/l	-	± -	-	-	-	-	-
Glyphosate	µg/l	-	± -	-	-	-	-	-
Glufosinate	µg/l	0.567	± 0.119	-	-	0.112	-	-
AMPA	µg/l	1.03	± 0.0835	-	-	0.0835	-	-
Metolachlor ESA	µg/l	0.283	± 0.047	0.31	0.06	0.0607	109.5	0.44
Metolachlor OA	µg/l	0.435	± 0.0204	0.57	0.11	0.0216	131.0	6.26

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	-	± -	-	-	-	-	-
Metazachlor ESA	µg/l	0.596	± 0.107	-	-	0.118	-	-
Metazachlor OA	µg/l	-	± -	-	-	-	-	-



The following results were achieved:

Sample: H92A

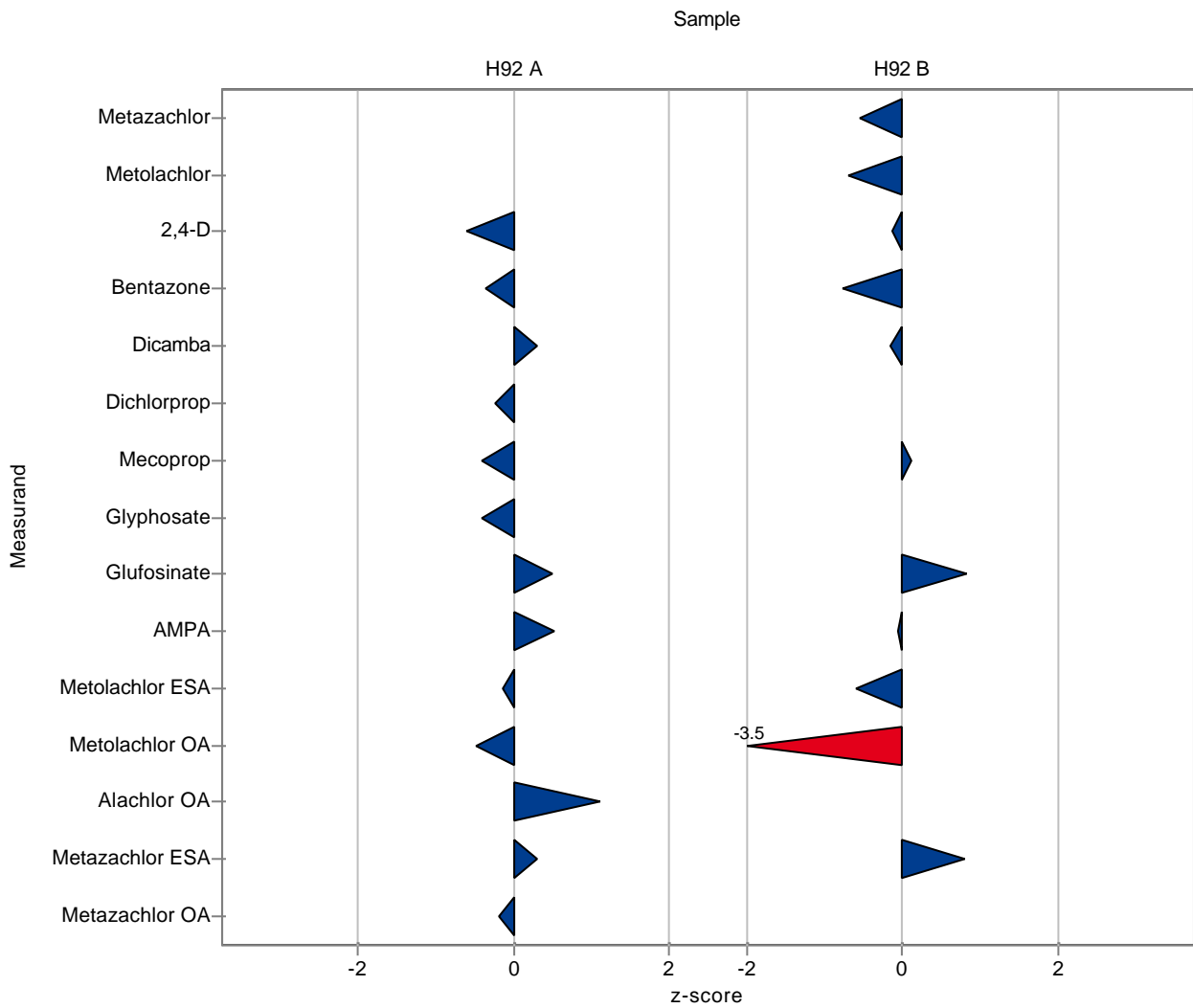
Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor	µg/l	-	± -	-	-	-	-	-
Metazachlor	µg/l	-	± -	<0.005 (LOQ)	-	-	-	-
Metolachlor	µg/l	-	± -	<0.005 (LOQ)	-	-	-	-
2,4-D	µg/l	0.356	± 0.0442	0.321	0.083	0.0571	90.2	-0.61
Bentazone	µg/l	0.238	± 0.0209	0.228	0.059	0.0296	95.6	-0.35
Dicamba	µg/l	0.466	± 0.089	0.495	0.129	0.0984	106.2	0.30
Dichlorprop	µg/l	0.436	± 0.043	0.423	0.11	0.0555	97.0	-0.24
Mecoprop	µg/l	0.255	± 0.0305	0.237	0.062	0.0454	92.8	-0.41
2,4,5-Trichlorophenoxyacetic	µg/l	0.624	± 0.0702	-	-	0.0776	-	-
Glyphosate	µg/l	0.148	± 0.0439	0.129	0.026	0.0463	87.0	-0.42
Glufosinate	µg/l	0.369	± 0.151	0.446	0.089	0.151	120.7	0.51
AMPA	µg/l	0.156	± 0.0342	0.172	0.034	0.0302	110.0	0.52
Metolachlor ESA	µg/l	0.132	± 0.0336	0.126	0.033	0.0434	95.3	-0.14
Metolachlor OA	µg/l	0.233	± 0.032	0.214	0.056	0.0385	91.8	-0.50
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.281	± 0.0785	0.352	0.092	0.0641	125.5	1.12
Metazachlor ESA	µg/l	0.406	± 0.0789	0.431	0.112	0.0831	106.2	0.30
Metazachlor OA	µg/l	0.0703	± 0.0155	0.068	0.018	0.0127	96.7	-0.18

Sample: H92B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor	µg/l	0.697	± 0.055	-	-	0.0661	-	-
Metazachlor	µg/l	0.551	± 0.0685	0.498	0.129	0.0969	90.4	-0.55
Metolachlor	µg/l	0.122	± 0.0175	0.104	0.027	0.0261	85.0	-0.70
2,4-D	µg/l	0.815	± 0.0724	0.803	0.209	0.0903	98.6	-0.13
Bentazone	µg/l	0.322	± 0.0249	0.294	0.076	0.0362	91.3	-0.77
Dicamba	µg/l	0.838	± 0.164	0.811	0.21	0.181	96.8	-0.15
Dichlorprop	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Mecoprop	µg/l	0.708	± 0.0628	0.718	0.187	0.0937	101.4	0.11
2,4,5-Trichlorophenoxyacetic	µg/l	-	± -	-	-	-	-	-
Glyphosate	µg/l	-	± -	0.011	0.002	-	-	-
Glufosinate	µg/l	0.567	± 0.119	0.661	0.132	0.112	116.6	0.84
AMPA	µg/l	1.03	± 0.0835	1.022	0.204	0.0835	99.6	-0.05
Metolachlor ESA	µg/l	0.283	± 0.047	0.247	0.064	0.0607	87.2	-0.60
Metolachlor OA	µg/l	0.435	± 0.0204	0.359	0.093	0.0216	82.5	-3.53



Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	-	± -	0.471	0.122	-	-	-
Metazachlor ESA	µg/l	0.596	± 0.107	0.69	0.179	0.118	115.7	0.79
Metazachlor OA	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-



The following results were achieved:

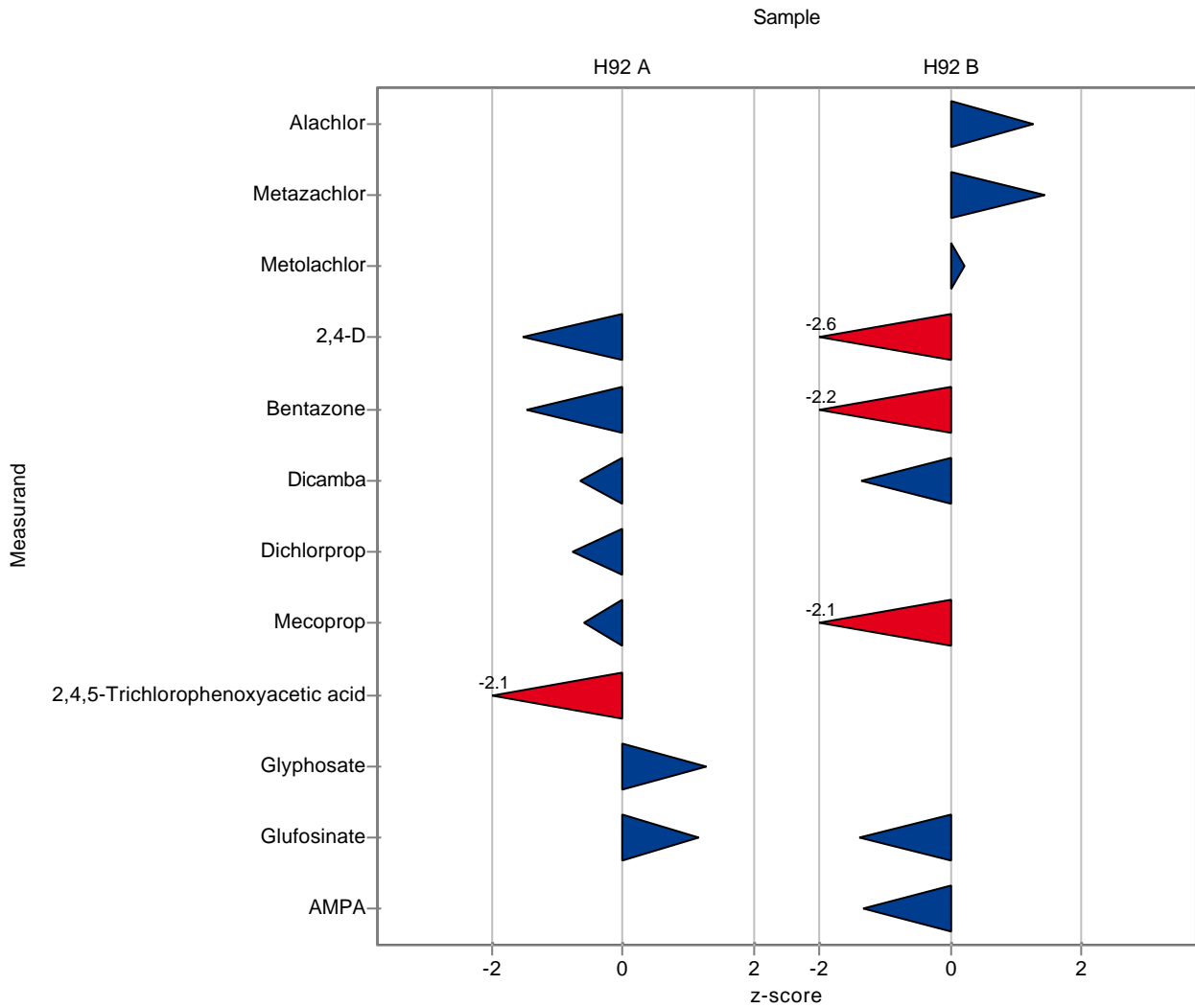
Sample: H92A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor	µg/l	-	± -	<0.03 (LOQ)	-	-	-	-
Metazachlor	µg/l	-	± -	<0.03 (LOQ)	-	-	-	-
Metolachlor	µg/l	-	± -	<0.03 (LOQ)	-	-	-	-
2,4-D	µg/l	0.356	± 0.0442	0.269	0.04035	0.0571	75.6	-1.52
Bentazone	µg/l	0.238	± 0.0209	0.195	0.02925	0.0296	81.8	-1.47
Dicamba	µg/l	0.466	± 0.089	0.401	0.06015	0.0984	86.1	-0.66
Dichlorprop	µg/l	0.436	± 0.043	0.394	0.0591	0.0555	90.3	-0.76
Mecoprop	µg/l	0.255	± 0.0305	0.228	0.0342	0.0454	89.3	-0.60
2,4,5-Trichlorophenoxyacetic	µg/l	0.624	± 0.0702	0.459	0.06885	0.0776	73.5	-2.13
Glyphosate	µg/l	0.148	± 0.0439	0.207	0.03105	0.0463	139.6	1.27
Glufosinate	µg/l	0.369	± 0.151	0.544	0.0816	0.151	147.2	1.15
AMPA	µg/l	0.156	± 0.0342	<0.15 (LOQ)	-	0.0302	-	-
Metolachlor ESA	µg/l	0.132	± 0.0336	-	-	0.0434	-	-
Metolachlor OA	µg/l	0.233	± 0.032	-	-	0.0385	-	-
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.281	± 0.0785	-	-	0.0641	-	-
Metazachlor ESA	µg/l	0.406	± 0.0789	-	-	0.0831	-	-
Metazachlor OA	µg/l	0.0703	± 0.0155	-	-	0.0127	-	-

Sample: H92B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor	µg/l	0.697	± 0.055	0.781	0.11715	0.0661	112.0	1.27
Metazachlor	µg/l	0.551	± 0.0685	0.692	0.1038	0.0969	125.6	1.45
Metolachlor	µg/l	0.122	± 0.0175	0.128	0.0192	0.0261	104.6	0.21
2,4-D	µg/l	0.815	± 0.0724	0.578	0.0867	0.0903	70.9	-2.62
Bentazone	µg/l	0.322	± 0.0249	0.241	0.03615	0.0362	74.9	-2.24
Dicamba	µg/l	0.838	± 0.164	0.592	0.0888	0.181	70.6	-1.36
Dichlorprop	µg/l	-	± -	<0.03 (LOQ)	-	-	-	-
Mecoprop	µg/l	0.708	± 0.0628	0.514	0.0771	0.0937	72.6	-2.07
2,4,5-Trichlorophenoxyacetic	µg/l	-	± -	<0.03 (LOQ)	-	-	-	-
Glyphosate	µg/l	-	± -	<0.1 (LOQ)	-	-	-	-
Glufosinate	µg/l	0.567	± 0.119	0.411	0.06165	0.112	72.5	-1.39
AMPA	µg/l	1.03	± 0.0835	0.915	0.13725	0.0835	89.1	-1.34
Metolachlor ESA	µg/l	0.283	± 0.047	-	-	0.0607	-	-
Metolachlor OA	µg/l	0.435	± 0.0204	-	-	0.0216	-	-

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	-	± -	-	-	-	-	-
Metazachlor ESA	µg/l	0.596	± 0.107	-	-	0.118	-	-
Metazachlor OA	µg/l	-	± -	-	-	-	-	-



The following results were achieved:

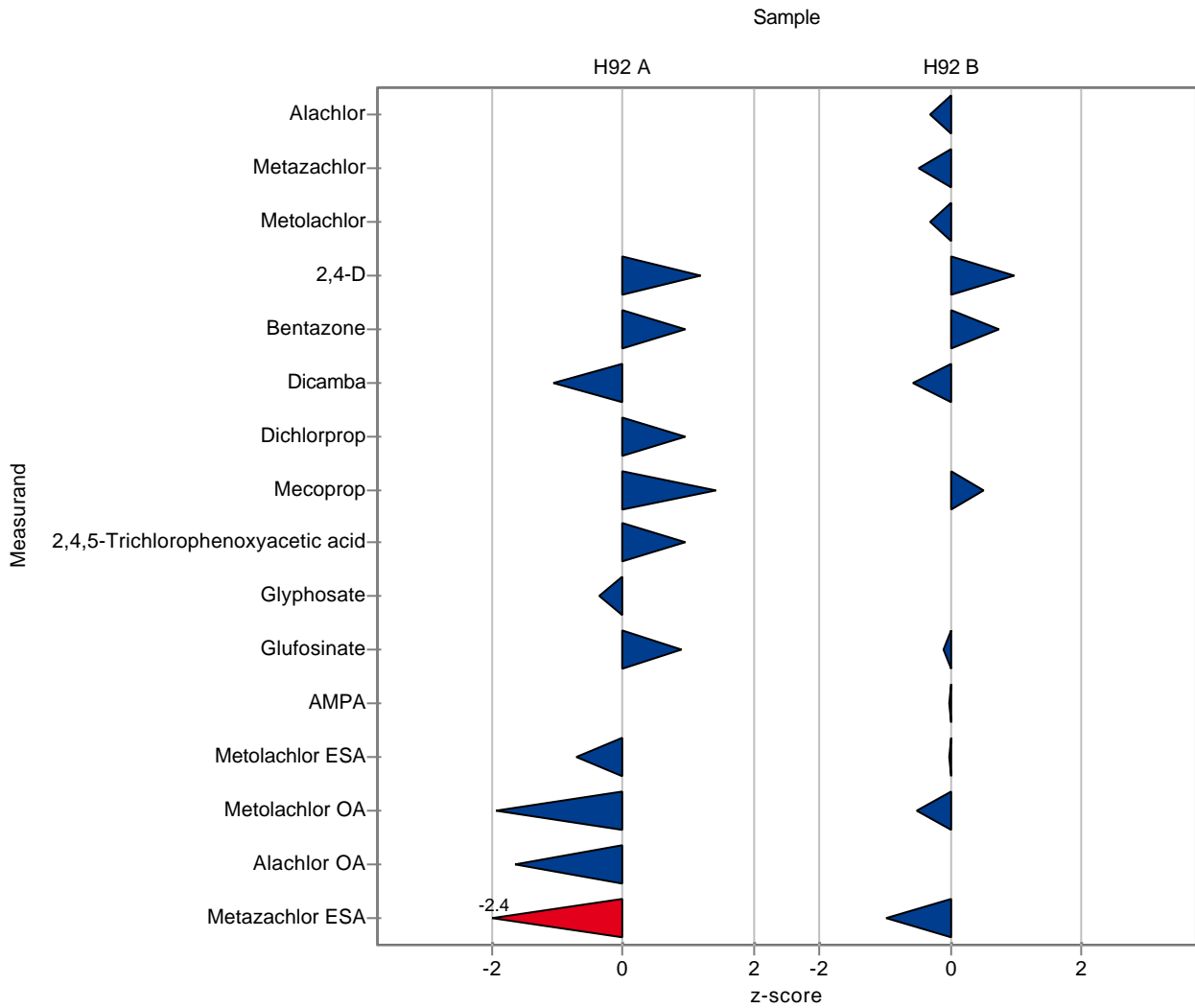
Sample: H92A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Metazachlor	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Metolachlor	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
2,4-D	µg/l	0.356	± 0.0442	0.423	0.127	0.0571	118.9	1.18
Bentazone	µg/l	0.238	± 0.0209	0.267	0.08	0.0296	112.0	0.97
Dicamba	µg/l	0.466	± 0.089	0.361	0.108	0.0984	77.5	-1.07
Dichlorprop	µg/l	0.436	± 0.043	0.489	0.147	0.0555	112.1	0.95
Mecoprop	µg/l	0.255	± 0.0305	0.32	0.096	0.0454	125.3	1.42
2,4,5-Trichlorophenoxyacetic	µg/l	0.624	± 0.0702	0.699	0.21	0.0776	112.0	0.96
Glyphosate	µg/l	0.148	± 0.0439	0.132	0.053	0.0463	89.0	-0.35
Glufosinate	µg/l	0.369	± 0.151	0.505	0.202	0.151	136.7	0.90
AMPA	µg/l	0.156	± 0.0342	<0.1 (LOQ)	-	0.0302	-	-
Metolachlor ESA	µg/l	0.132	± 0.0336	0.102	0.031	0.0434	77.1	-0.70
Metolachlor OA	µg/l	0.233	± 0.032	0.158	0.047	0.0385	67.8	-1.95
Alachlor ESA	µg/l	-	± -	0.33	0.099	-	-	-
Alachlor OA	µg/l	0.281	± 0.0785	0.175	0.053	0.0641	62.4	-1.65
Metazachlor ESA	µg/l	0.406	± 0.0789	0.203	0.061	0.0831	50.0	-2.44
Metazachlor OA	µg/l	0.0703	± 0.0155	<0.05 (LOQ)	-	0.0127	-	-

Sample: H92B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor	µg/l	0.697	± 0.055	0.677	0.203	0.0661	97.1	-0.31
Metazachlor	µg/l	0.551	± 0.0685	0.505	0.151	0.0969	91.6	-0.48
Metolachlor	µg/l	0.122	± 0.0175	0.114	0.034	0.0261	93.1	-0.32
2,4-D	µg/l	0.815	± 0.0724	0.904	0.271	0.0903	111.0	0.99
Bentazone	µg/l	0.322	± 0.0249	0.349	0.105	0.0362	108.4	0.75
Dicamba	µg/l	0.838	± 0.164	0.732	0.22	0.181	87.4	-0.59
Dichlorprop	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Mecoprop	µg/l	0.708	± 0.0628	0.756	0.227	0.0937	106.8	0.51
2,4,5-Trichlorophenoxyacetic	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Glyphosate	µg/l	-	± -	<0.1 (LOQ)	-	-	-	-
Glufosinate	µg/l	0.567	± 0.119	0.555	0.222	0.112	97.9	-0.11
AMPA	µg/l	1.03	± 0.0835	1.025	0.41	0.0835	99.8	-0.02
Metolachlor ESA	µg/l	0.283	± 0.047	0.282	0.085	0.0607	99.6	-0.02
Metolachlor OA	µg/l	0.435	± 0.0204	0.424	0.127	0.0216	97.5	-0.51

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor ESA	µg/l	-	± -	0.705	0.212	-	-	-
Alachlor OA	µg/l	-	± -	0.37	0.111	-	-	-
Metazachlor ESA	µg/l	0.596	± 0.107	0.48	0.144	0.118	80.5	-0.99
Metazachlor OA	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-





The following results were achieved:

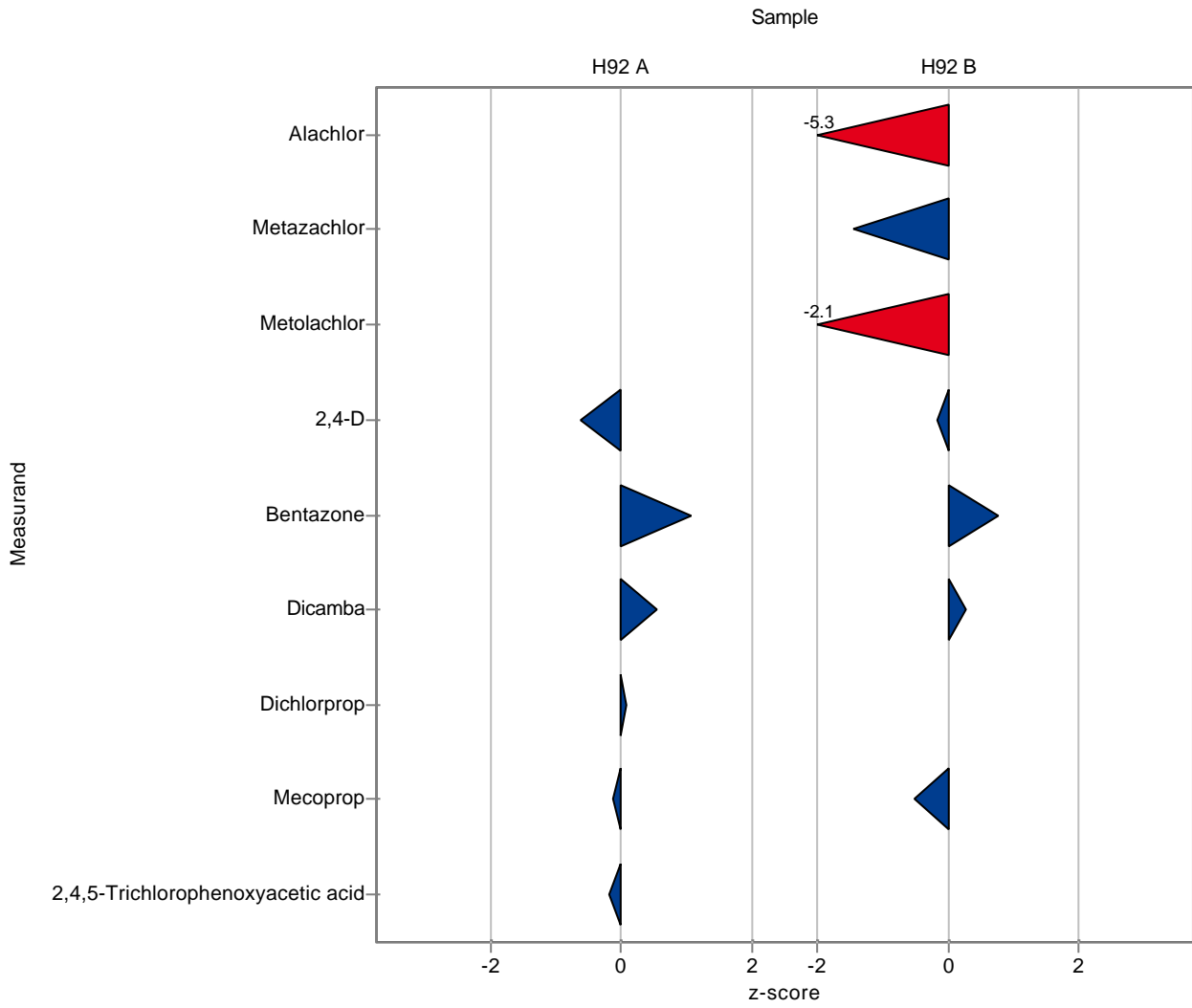
Sample: H92A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-
Metazachlor	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-
Metolachlor	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-
2,4-D	µg/l	0.356	± 0.0442	0.32	0.02	0.0571	90.0	-0.63
Bentazone	µg/l	0.238	± 0.0209	0.27	0.01	0.0296	113.2	1.07
Dicamba	µg/l	0.466	± 0.089	0.52	0.03	0.0984	111.6	0.55
Dichlorprop	µg/l	0.436	± 0.043	0.44	0.02	0.0555	100.9	0.07
Mecoprop	µg/l	0.255	± 0.0305	0.25	0.01	0.0454	97.9	-0.12
2,4,5-Trichlorophenoxyacetic	µg/l	0.624	± 0.0702	0.61	0.03	0.0776	97.7	-0.18
Glyphosate	µg/l	0.148	± 0.0439	-	-	0.0463	-	-
Glufosinate	µg/l	0.369	± 0.151	-	-	0.151	-	-
AMPA	µg/l	0.156	± 0.0342	-	-	0.0302	-	-
Metolachlor ESA	µg/l	0.132	± 0.0336	-	-	0.0434	-	-
Metolachlor OA	µg/l	0.233	± 0.032	-	-	0.0385	-	-
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	0.281	± 0.0785	-	-	0.0641	-	-
Metazachlor ESA	µg/l	0.406	± 0.0789	-	-	0.0831	-	-
Metazachlor OA	µg/l	0.0703	± 0.0155	-	-	0.0127	-	-

Sample: H92B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor	µg/l	0.697	± 0.055	0.35	0.03	0.0661	50.2	-5.25
Metazachlor	µg/l	0.551	± 0.0685	0.41	0.01	0.0969	74.4	-1.46
Metolachlor	µg/l	0.122	± 0.0175	0.067	0.005	0.0261	54.7	-2.12
2,4-D	µg/l	0.815	± 0.0724	0.8	0.04	0.0903	98.2	-0.16
Bentazone	µg/l	0.322	± 0.0249	0.35	0.02	0.0362	108.7	0.78
Dicamba	µg/l	0.838	± 0.164	0.89	0.05	0.181	106.2	0.29
Dichlorprop	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-
Mecoprop	µg/l	0.708	± 0.0628	0.66	0.02	0.0937	93.2	-0.51
2,4,5-Trichlorophenoxyacetic	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-
Glyphosate	µg/l	-	± -	-	-	-	-	-
Glufosinate	µg/l	0.567	± 0.119	-	-	0.112	-	-
AMPA	µg/l	1.03	± 0.0835	-	-	0.0835	-	-
Metolachlor ESA	µg/l	0.283	± 0.047	-	-	0.0607	-	-
Metolachlor OA	µg/l	0.435	± 0.0204	-	-	0.0216	-	-

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Alachlor ESA	µg/l	-	± -	-	-	-	-	-
Alachlor OA	µg/l	-	± -	-	-	-	-	-
Metazachlor ESA	µg/l	0.596	± 0.107	-	-	0.118	-	-
Metazachlor OA	µg/l	-	± -	-	-	-	-	-



The following results were achieved:

Sample: H92A

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Bentazone	µg/l	0.238 ± 0.0209	0.249	0.037	0.0296	104.4	0.36
Dichlorprop	µg/l	0.436 ± 0.043	0.752	0.113	0.0555	172.4	5.69
Mecoprop	µg/l	0.255 ± 0.0305	0.792	0.119	0.0454	310.0	11.81

Sample: H92B

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Bentazone	µg/l	0.322 ± 0.0249	0.344	0.052	0.0362	106.9	0.61
Dichlorprop	µg/l	- ± -	<0.05 (LOQ)	-	-	-	-
Mecoprop	µg/l	0.708 ± 0.0628	2.047	0.307	0.0937	289.1	14.29

