

INTERLABORATORY COMPARISON EVALUATION

Herbicides H93

Sample dispatch on 6th October 2015

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1 Interlaboratory comparison H93

1.1 Participants and time schedule

- Number of registrations: 17
- Number of submitted data records: 17
- Dispatch of samples: 6th October 2015
- Closing date for submission of data: 3rd November 2015
Postponed to 10th November 2015

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

1.2 Sampling, sample material and distribution

Groundwater and synthetic water were selected as sample material. The sampling of the groundwater was carried out on 3rd October 2015. The samples were stored at < 4 °C until further processing. The water was partly spiked with specific substances. The samples were filled into bottles with continuous stirring. The homogeneous mixtures were dispatched on 6th October 2015. Each participant received:

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

1.3 Check analysis

While filling the bottles, aliquots of each sample were collected at random moments for check analytics. 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 10th November 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:

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

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.
- σ 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 ± CI (99%) *Mean of the participants results, without outliers ± 99% confidence interval*

Minimum – Maximum *Minimum and maximum of all submitted results, after removal of outliers*

Check value ± U *Mean of check value ± expanded uncertainty (k=2)*

Labcode	Result	± 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:

± U Results uncertainty as indicated by participant

- *No data available*

Possible remarks in the column comments:

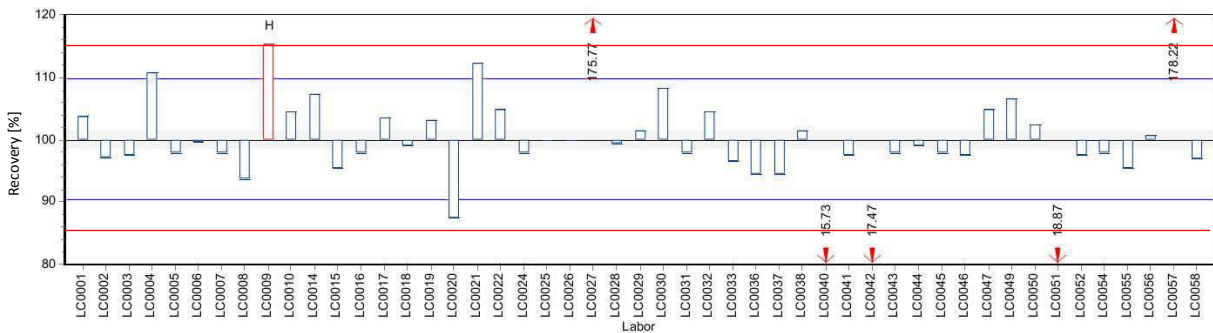
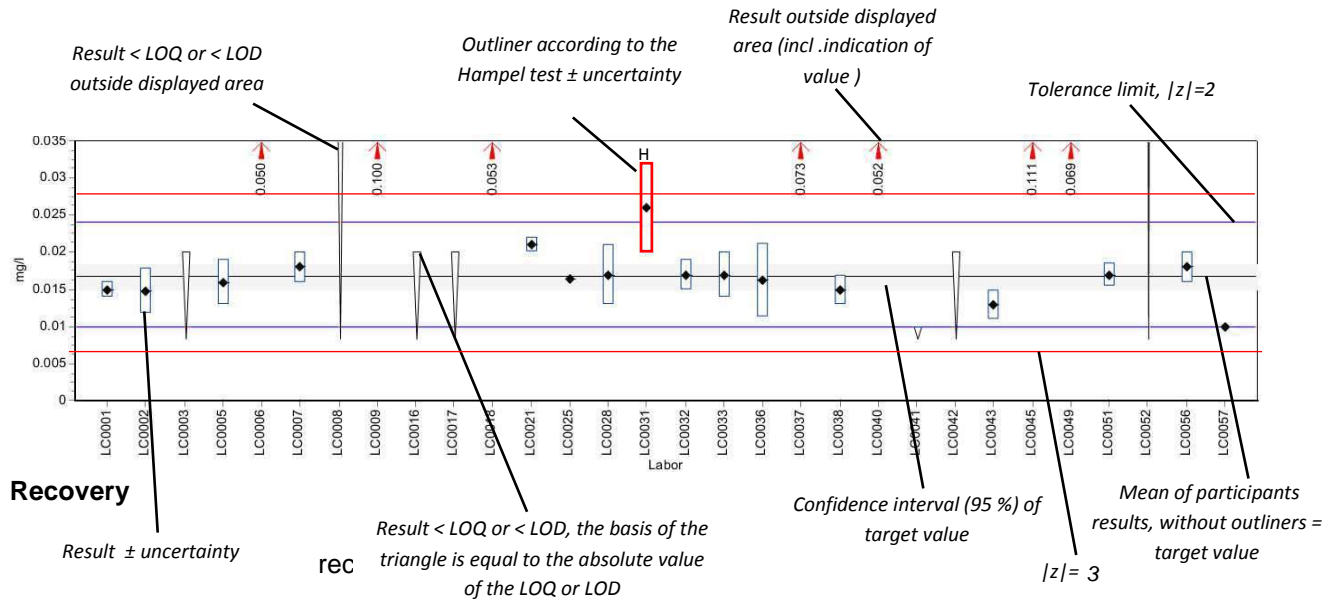
H Outliner according to Hampel-Test

FN False negative – For a result < LOQ (level of quantification): The absolute value of the LOD/LOQ fulfils the condition of an outliner 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 %.

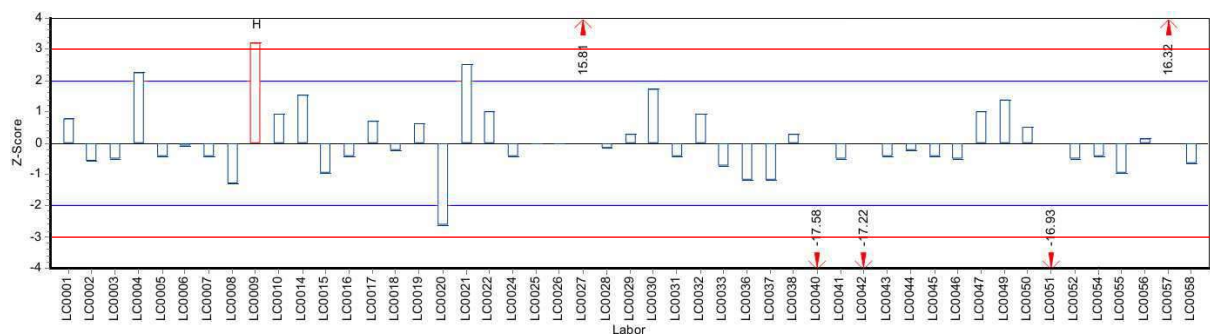
Graphical presentation of results

Results



z-Score

Presentation of results as z-scores.



Summary of results, after removal of outliers: Pesticides H93

6 Summary of results, after removal of outliers

Parameter	Sample	Unit	Number of results for calculation	Number of outliers	Mean	± CI (99%)	Minimum	Maximum	SD	RSD	
Acetamiprid	H93 A	µg/l	4	0	-	±	-	0.46	0.544	-	-
	H93 B	µg/l	0	0	-	±	-	-	-	-	-
Aldrin	H93 A	µg/l	10	0	0.129	± 0.0328	0.06	0.17	0.0345	26.9	
	H93 B	µg/l	8	1	0.133	± 0.025	0.0917	0.165	0.0235	17.8	
Atrazine	H93 A	µg/l	14	1	0.577	± 0.0361	0.478	0.641	0.0451	7.81	
	H93 B	µg/l	14	1	0.305	± 0.0169	0.267	0.35	0.0211	6.92	
Bromacil	H93 A	µg/l	7	2	0.657	± 0.0979	0.517	0.796	0.0864	13.1	
	H93 B	µg/l	0	0	-	±	-	-	-	-	-
Clothianidin	H93 A	µg/l	6	0	0.448	± 0.113	0.336	0.599	0.092	20.5	
	H93 B	µg/l	4	1	-	±	-	0.158	0.23	-	-
Cyanazine	H93 A	µg/l	0	0	-	±	-	-	-	-	-
	H93 B	µg/l	11	0	0.591	± 0.1	0.428	0.8	0.111	18.7	
Desethylatrazine	H93 A	µg/l	2	0	-	±	-	0.01	0.05	-	-
	H93 B	µg/l	14	1	0.627	± 0.0552	0.53	0.75	0.0689	11	
Desisopropylatrazine	H93 A	µg/l	13	0	0.0849	± 0.012	0.06	0.11	0.0145	17	
	H93 B	µg/l	0	0	-	±	-	-	-	-	-
Dieldrin	H93 A	µg/l	10	1	0.294	± 0.0215	0.263	0.336	0.0227	7.7	
	H93 B	µg/l	2	0	-	±	-	0.008	0.012	-	-
Dinotefurane	H93 A	µg/l	1	0	-	±	-	0.385	0.385	-	-
	H93 B	µg/l	1	0	-	±	-	0.204	0.204	-	-
Endrin	H93 A	µg/l	8	1	0.361	± 0.0531	0.3	0.46	0.05	13.9	
	H93 B	µg/l	1	0	-	±	-	0.0091	0.0091	-	-
Gamma-HCH	H93 A	µg/l	12	0	0.259	± 0.05	0.155	0.349	0.0577	22.3	
	H93 B	µg/l	11	0	0.195	± 0.0531	0.082	0.27	0.0588	30.1	
Heptachlor	H93 A	µg/l	10	0	0.195	± 0.0854	0.045	0.351	0.09	46.2	
	H93 B	µg/l	3	0	-	±	-	0.009	0.015	-	-
Imidacloprid	H93 A	µg/l	7	0	0.196	± 0.0271	0.166	0.226	0.0239	12.2	

Summary of results, after removal of outliers: Pesticides H93

Parameter	Sample	Unit	Number of results for calculation	Number of outliers	Mean	± CI (99%)	Minimum	Maximum	SD	RSD
Imidacloprid	H93 B	µg/l	7	0	0.372	± 0.109	0.289	0.538	0.096	25.8
Nitenpyram	H93 A	µg/l	0	0	-	± -	-	-	-	-
	H93 B	µg/l	3	0	-	± -	0.503	0.86	-	-
Prometryn	H93 A	µg/l	0	0	-	± -	-	-	-	-
	H93 B	µg/l	9	1	0.635	± 0.0461	0.567	0.7	0.0461	7.27
Propazine	H93 A	µg/l	13	1	0.156	± 0.0167	0.118	0.203	0.0201	12.9
	H93 B	µg/l	13	1	0.0712	± 0.00831	0.058	0.093	0.00999	14
Sum Chlordane	H93 A	µg/l	8	0	0.391	± 0.105	0.26	0.548	0.0994	25.4
	H93 B	µg/l	7	0	0.108	± 0.0347	0.0636	0.155	0.0306	28.4
Sum DDD	H93 A	µg/l	5	1	-	± -	0.149	0.245	-	-
	H93 B	µg/l	6	0	0.292	± 0.0712	0.199	0.352	0.0581	19.9
Sum DDE	H93 A	µg/l	8	0	0.494	± 0.16	0.1835	0.654	0.151	30.5
	H93 B	µg/l	8	0	0.153	± 0.067	0.045	0.246	0.0632	41.2
Sum DDT	H93 A	µg/l	9	0	0.42	± 0.162	0.0725	0.642	0.162	38.5
	H93 B	µg/l	7	0	0.172	± 0.0447	0.13	0.242	0.0395	22.9
Sum Endosulfan	H93 A	µg/l	11	0	0.161	± 0.0842	0.059	0.387	0.093	57.9
	H93 B	µg/l	10	0	0.575	± 0.153	0.2205	0.83	0.161	28.1
Thiacloprid	H93 A	µg/l	7	0	0.491	± 0.1	0.379	0.594	0.0885	18
	H93 B	µg/l	0	0	-	± -	-	-	-	-
Thiamethoxam	H93 A	µg/l	8	0	0.273	± 0.0293	0.242	0.31	0.0276	10.1
	H93 B	µg/l	8	0	0.571	± 0.11	0.365	0.68	0.104	18.2

7 Parameter oriented report

Acetamiprid	11
Aldrin	15
Atrazine	23
Bromacil	31
Clothianidin	37
Cyanazine	43
Desethylatrazine.....	49
Desisopropylatrazine	55
Dieldrin	61
Dinotefurane.....	67
Endrin.....	71
Gamma-HCH	77
Heptachlor	85
Imidacloprid.....	91
Nitenpyram.....	99
Prometryn.....	103
Propazine	109
Sum Chlordane	117
Sum DDD	125
Sum DDE	131
Sum DDT	139
Sum Endosulfan	147
Thiacloprid.....	155
Thiamethoxam.....	161

Parameter oriented report

H93 A

Acetamiprid

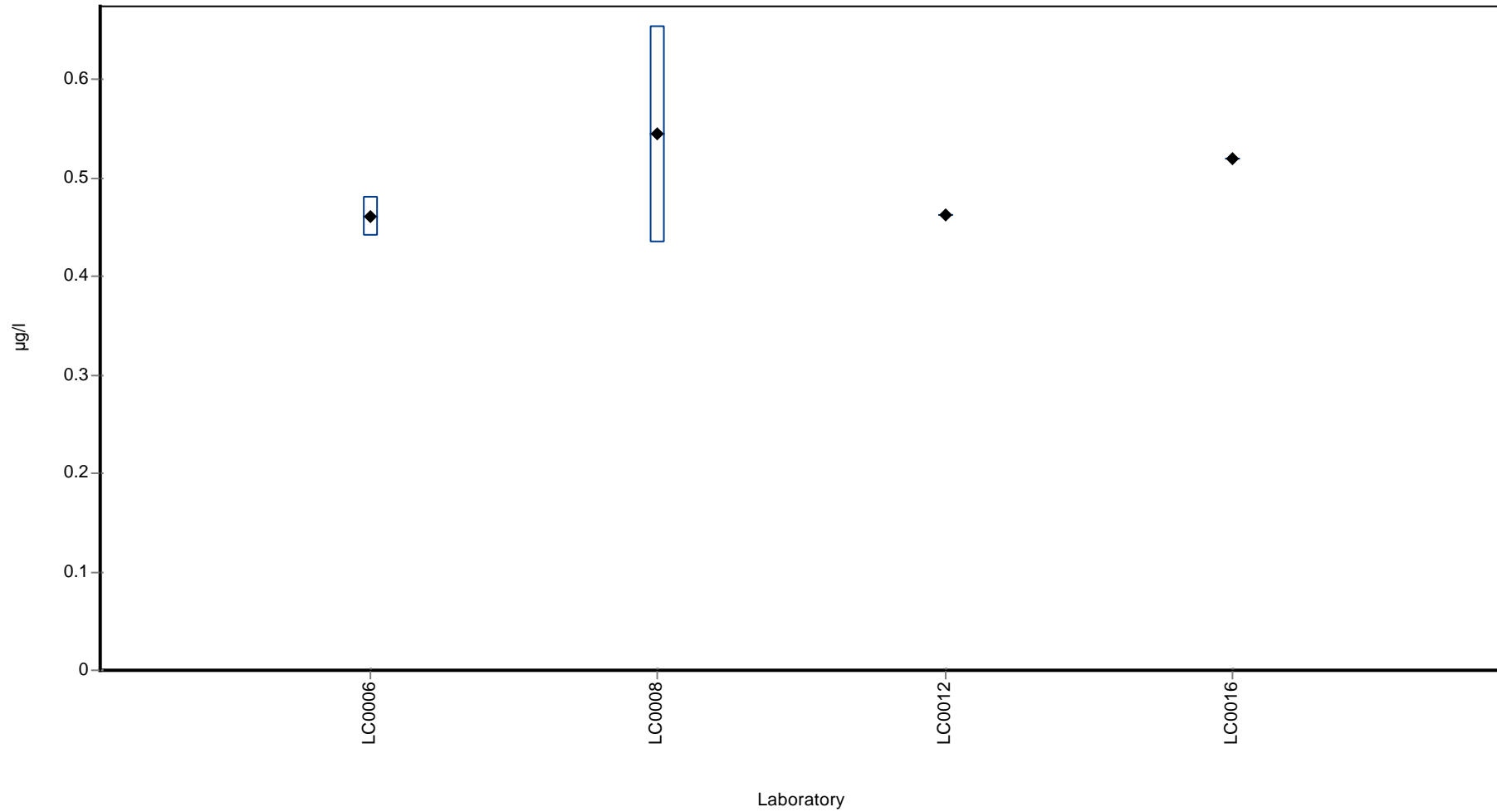
Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.46 - 0.544
Check value ± U	0.45 ± 0.018

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	0.460	0.020	-	-	
LC0007	-	-	-	-	
LC0008	0.544	0.110	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.462	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.520	-	-	-	
LC0017	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.496 ± 0.0632	-	µg/l
Minimum	0.46	0.46	µg/l
Maximum	0.544	0.544	µg/l
Standard deviation	0.0422	-	µg/l
rel. Standard deviation	8.49	-	%
n	4	4	-

Graphical presentation of results
Results



Parameter oriented report

H93 B

Acetamiprid

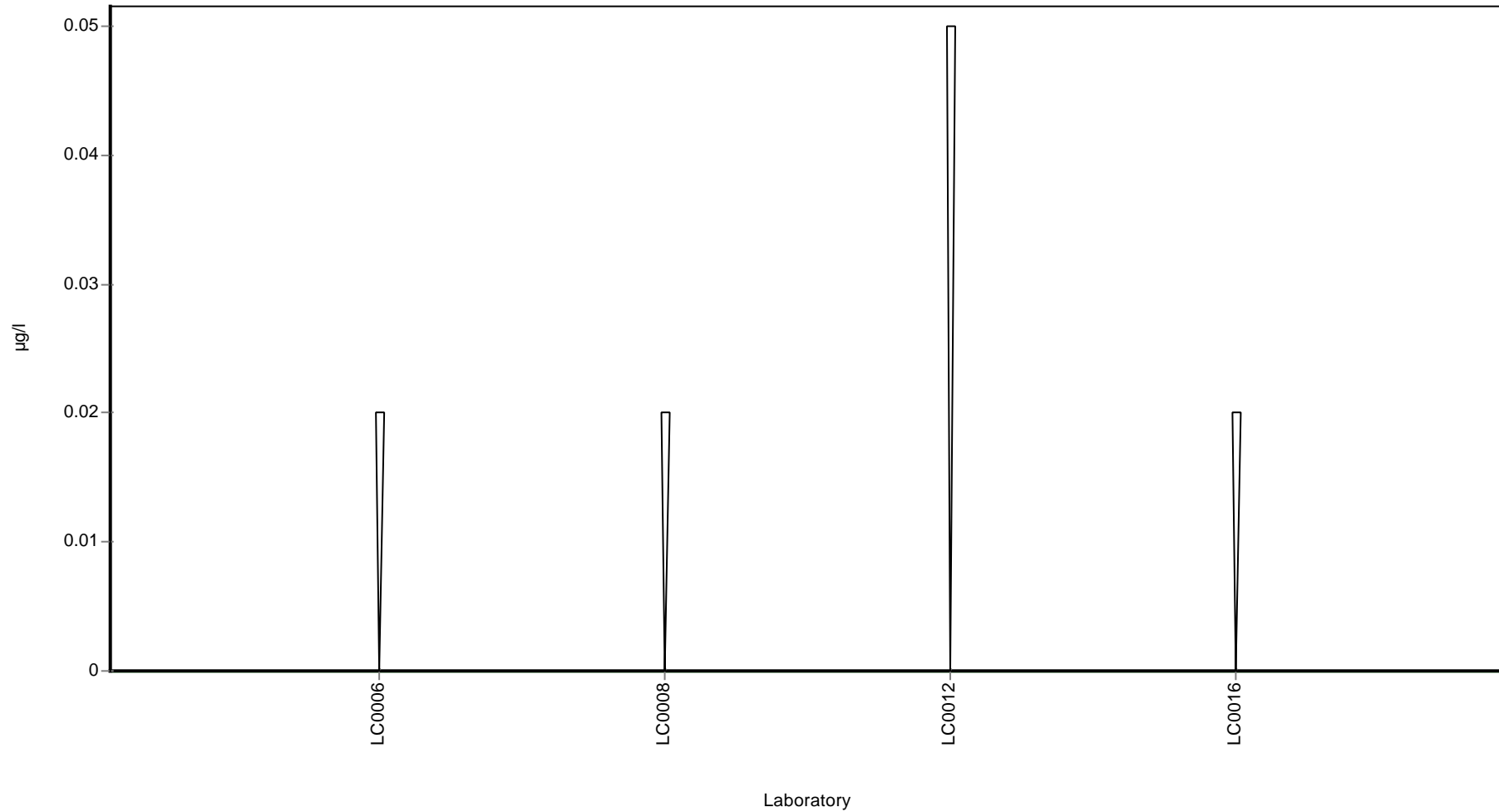
Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Check value ± U	< 0.025 (LOD)

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

Characteristics of parameter

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

Graphical presentation of results
Results



Parameter oriented report

H93 A

Aldrin

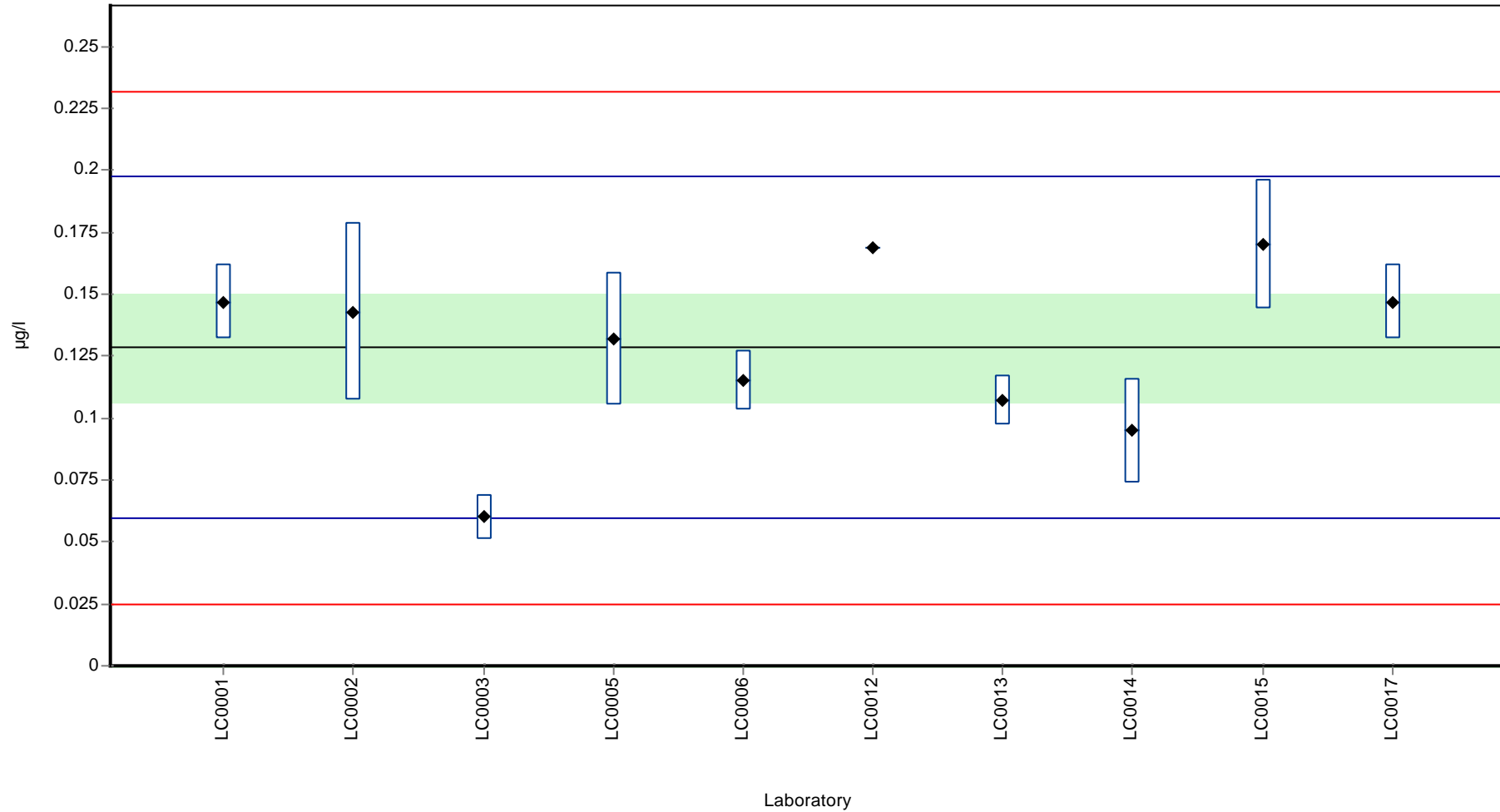
Unit	µg/l
Mean ± CI (99%)	0.129 ± 0.0328
Minimum - Maximum	0.06 - 0.17
Check value ± U	0.11 ± 0.024

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.147	0.015	114.4	0.5	
LC0002	0.143	0.036	111.3	0.4	
LC0003	0.060	0.009	46.7	-2.0	
LC0004	-	-	-	-	
LC0005	0.132	0.027	102.7	0.1	
LC0006	0.115	0.012	89.5	-0.4	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.169	-	131.5	1.2	
LC0013	0.107	0.010	83.3	-0.6	
LC0014	0.095	0.021	73.9	-1.0	
LC0015	0.170	0.026	132.3	1.2	
LC0016	-	-	-	-	
LC0017	0.147	0.015	114.4	0.5	

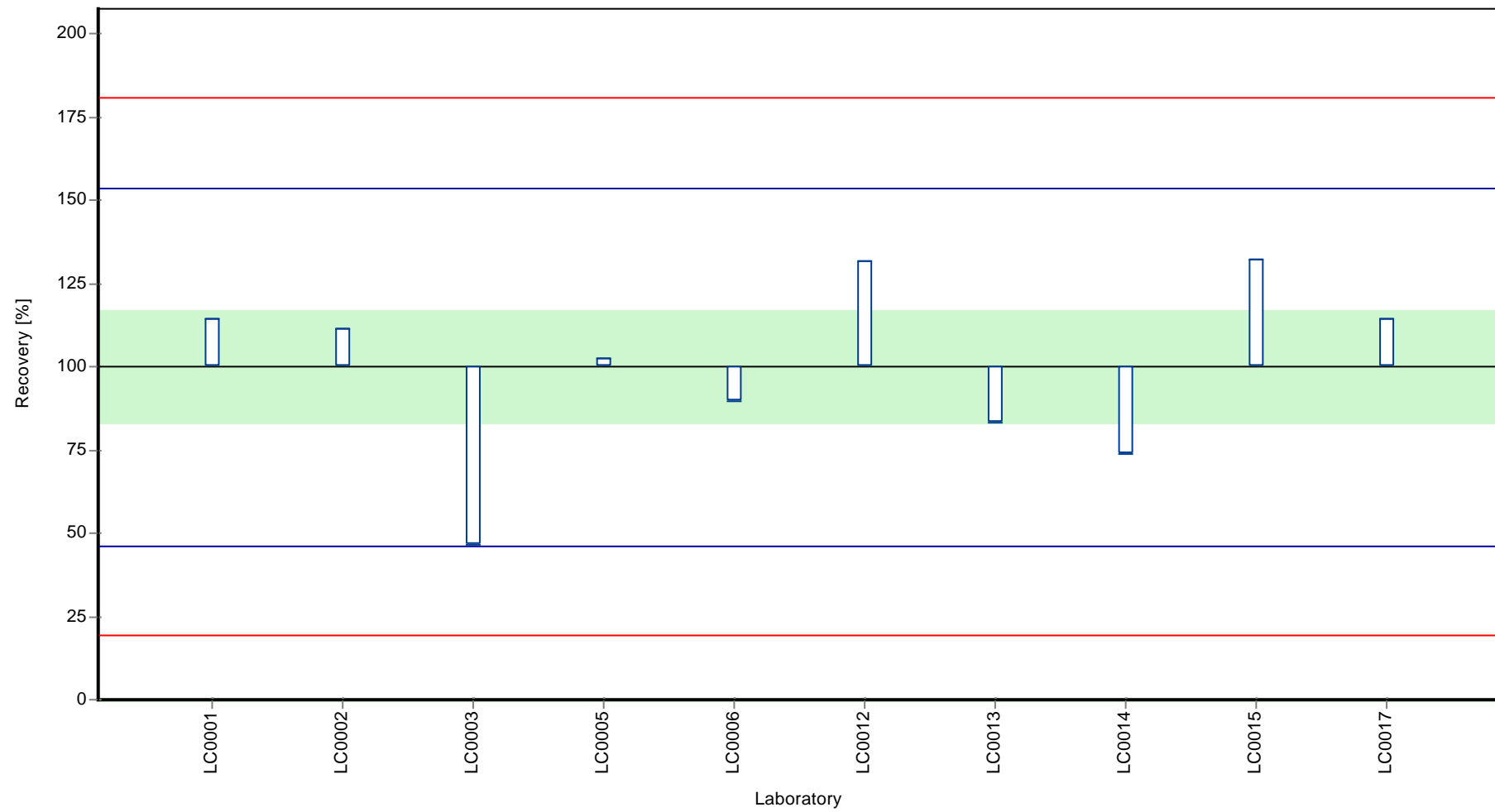
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.129 ± 0.0328	0.129 ± 0.0328	µg/l
Minimum	0.06	0.06	µg/l
Maximum	0.17	0.17	µg/l
Standard deviation	0.0345	0.0345	µg/l
rel. Standard deviation	26.9	26.9 %	
n	10	10	-

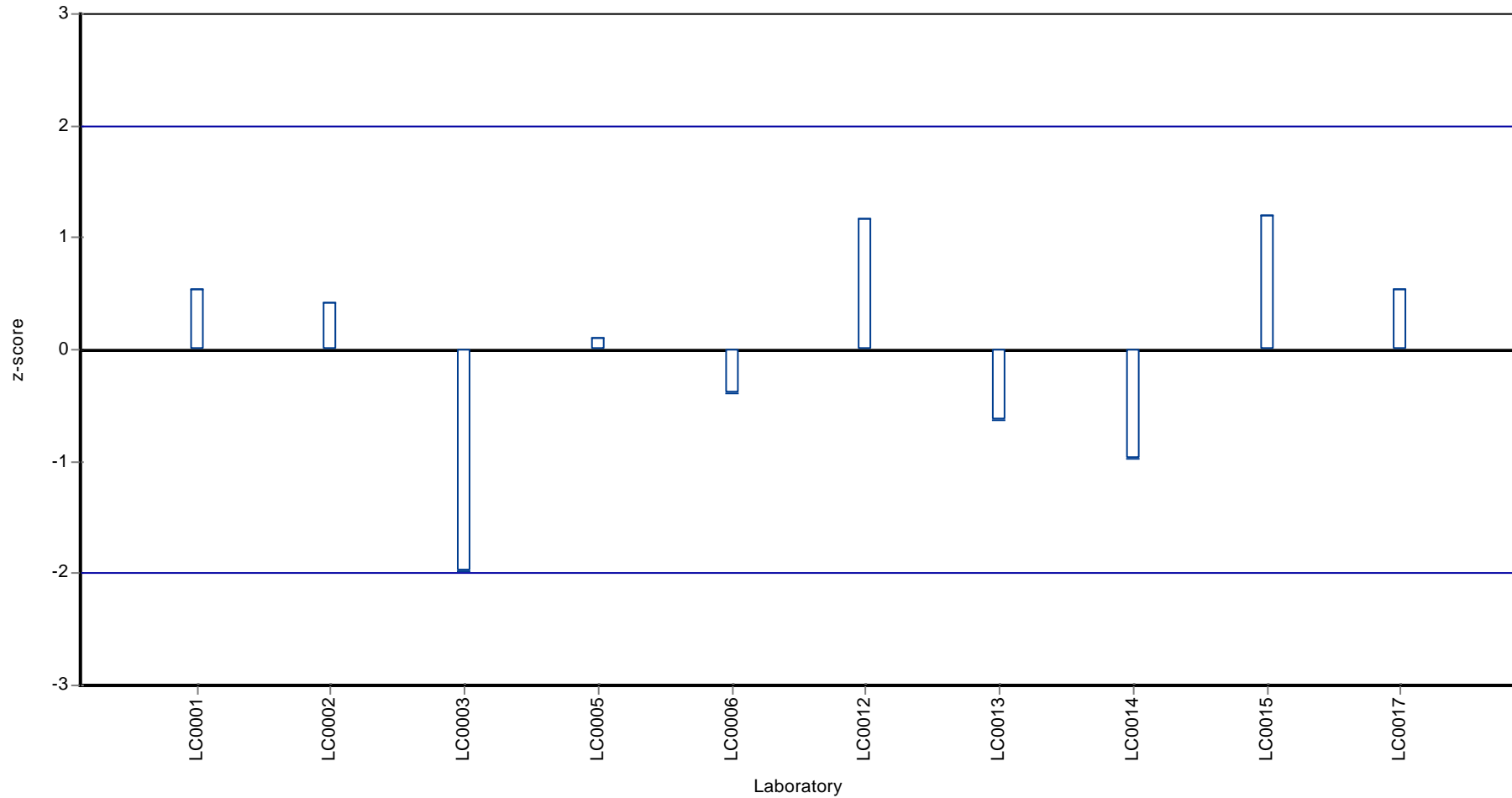
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H93 B

Aldrin

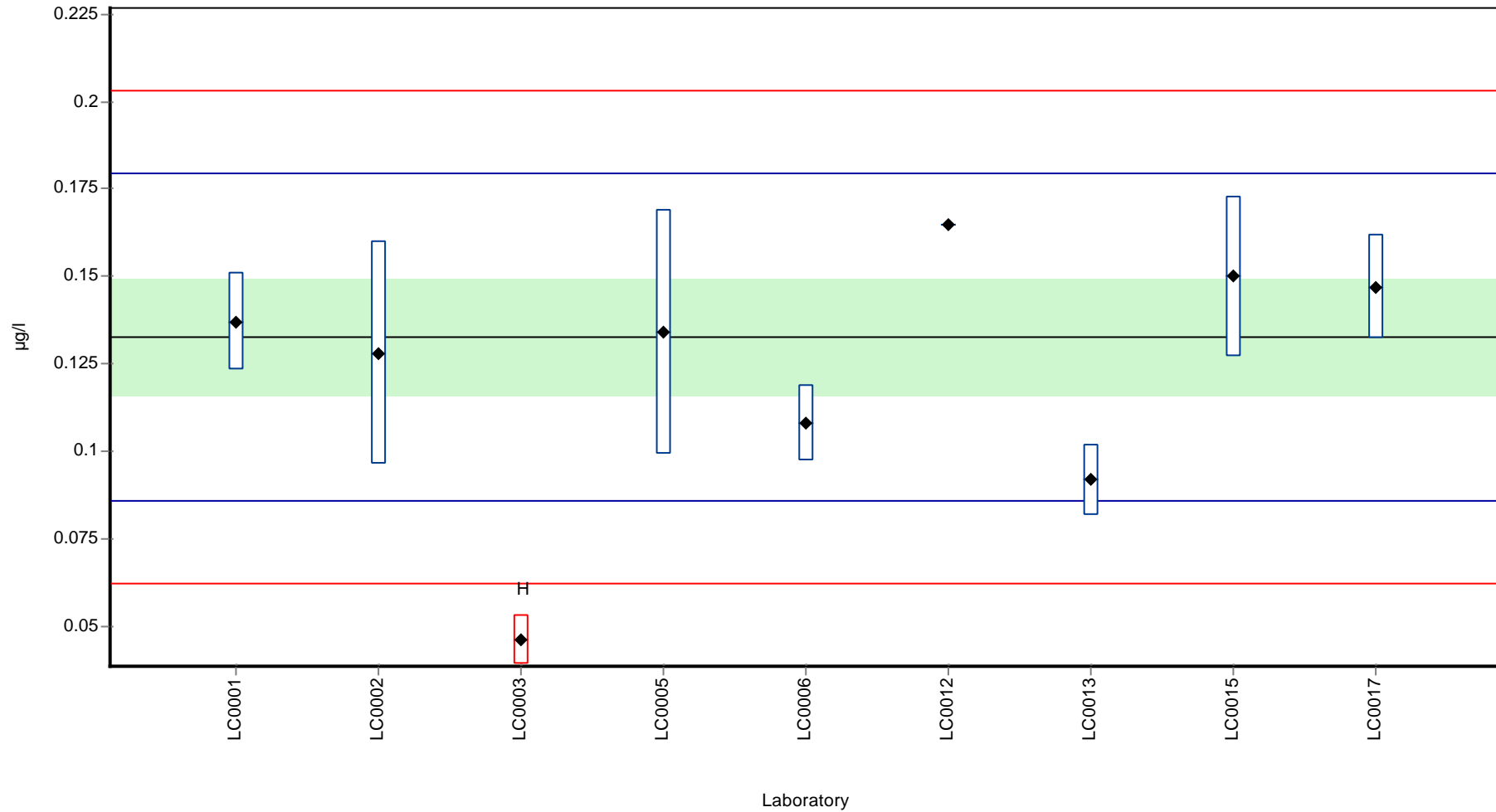
Unit	µg/l
Mean ± CI (99%)	0.133 ± 0.025
Minimum - Maximum	0.0917 - 0.165
Check value ± U	0.11 ± 0.068

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.137	0.014	103.3	0.2	
LC0002	0.128	0.032	96.5	-0.2	
LC0003	0.046	0.007	34.7	-3.7	H
LC0004	-	-	-	-	
LC0005	0.134	0.035	101.1	0.1	
LC0006	0.108	0.011	81.5	-1.0	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.165	-	124.4	1.4	
LC0013	0.0917	0.010	69.2	-1.7	
LC0014	-	-	-	-	
LC0015	0.150	0.023	113.1	0.7	
LC0016	-	-	-	-	
LC0017	0.147	0.015	110.9	0.6	

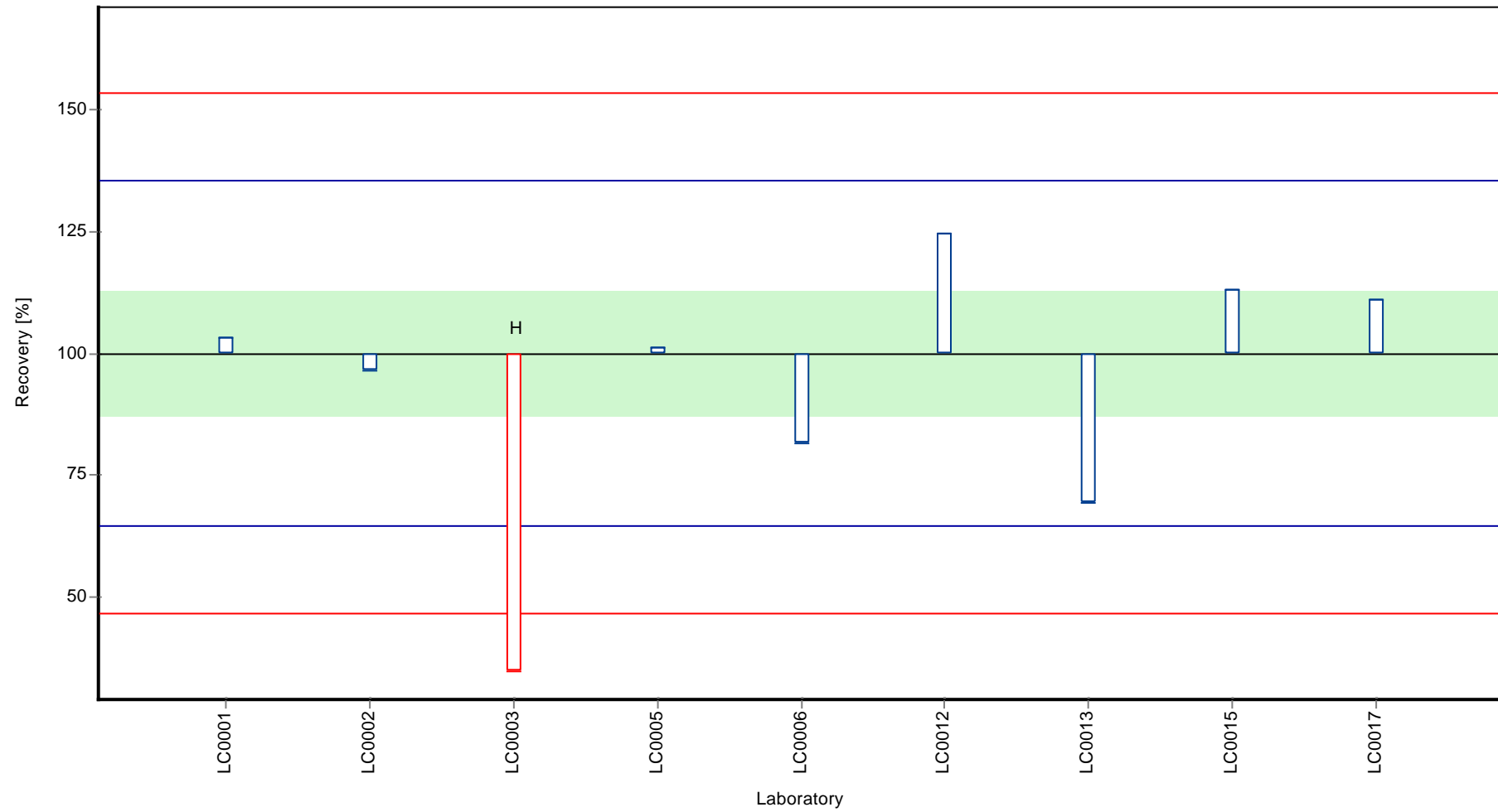
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.123 ± 0.0363	0.133 ± 0.025	µg/l
Minimum	0.046	0.0917	µg/l
Maximum	0.165	0.165	µg/l
Standard deviation	0.0363	0.0235	µg/l
rel. Standard deviation	29.5	17.8 %	
n	9	8	-

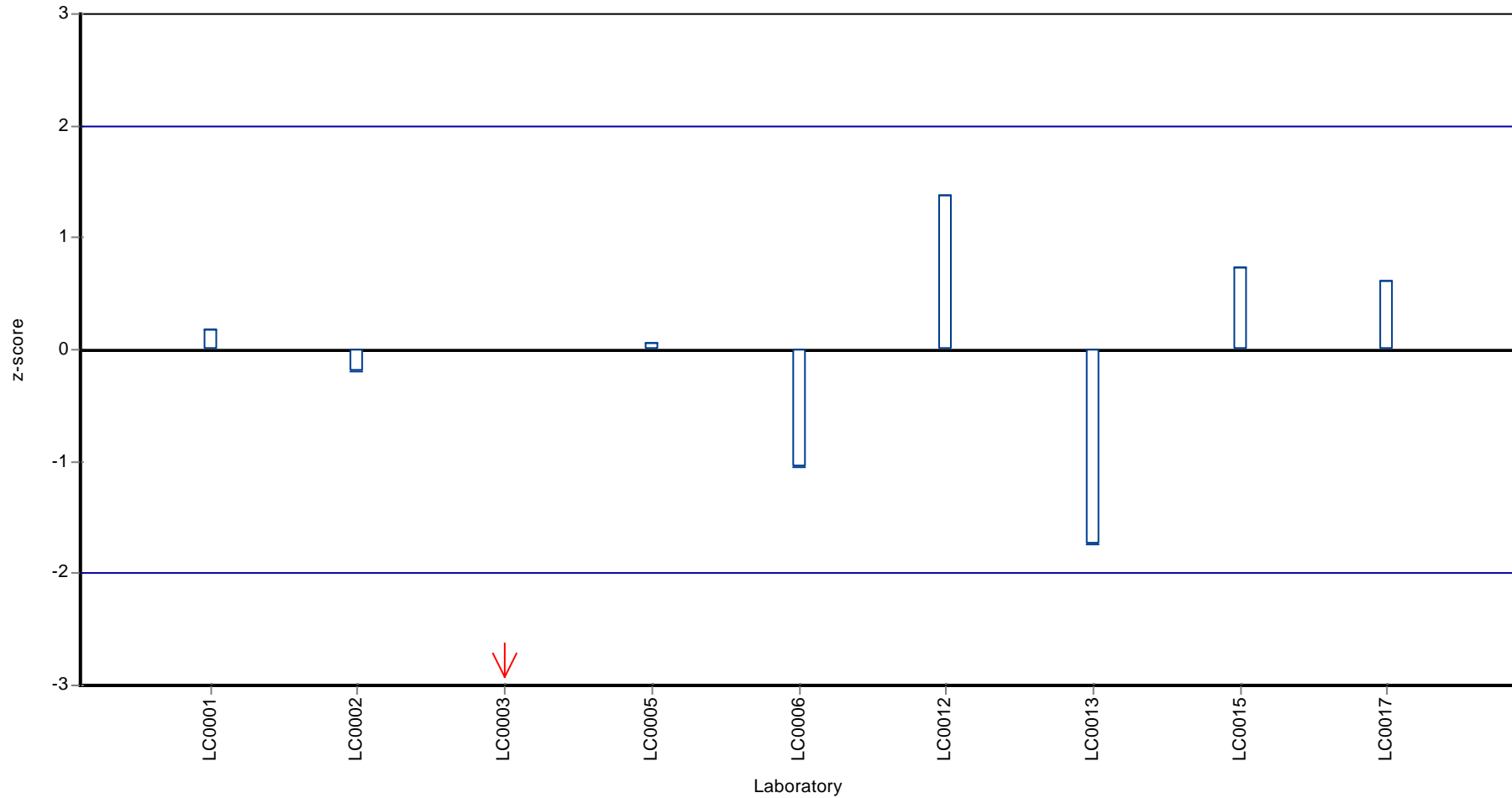
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H93 A

Atrazine

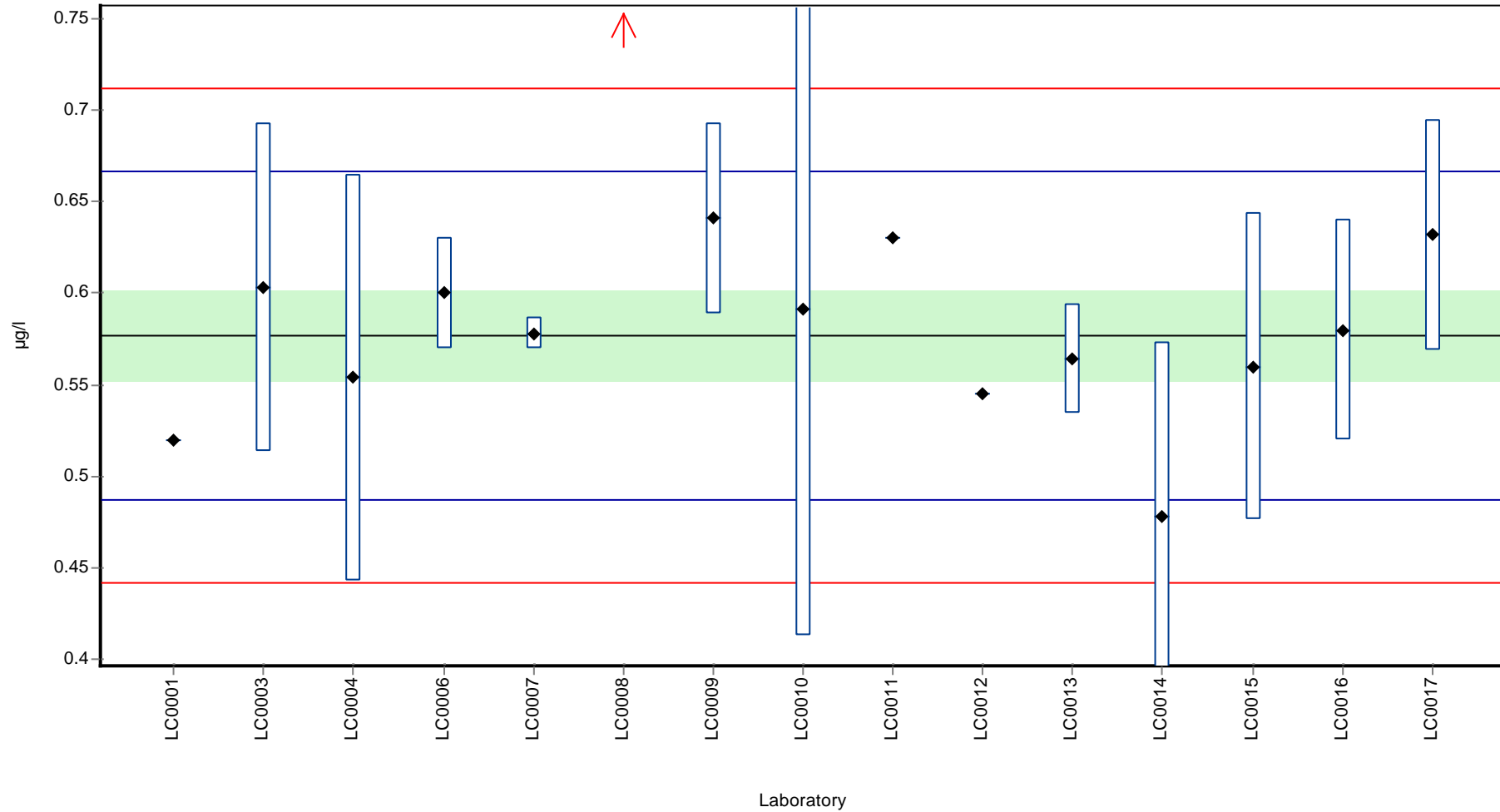
Unit	µg/l
Mean ± CI (99%)	0.577 ± 0.0361
Minimum - Maximum	0.478 - 0.641
Check value ± U	0.68 ± 0.05

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.520	-	90.1	-1.3	
LC0002	-	-	-	-	
LC0003	0.603	0.090	104.5	0.6	
LC0004	0.554	0.111	96.0	-0.5	
LC0005	-	-	-	-	
LC0006	0.600	0.030	104.0	0.5	
LC0007	0.578	0.0086	100.2	0.0	
LC0008	0.839	0.170	145.4	5.8	H
LC0009	0.641	0.052	111.1	1.4	
LC0010	0.591	0.178	102.5	0.3	
LC0011	0.630	-	109.2	1.2	
LC0012	0.545	-	94.5	-0.7	
LC0013	0.564	0.030	97.8	-0.3	
LC0014	0.478	0.095	82.9	-2.2	
LC0015	0.560	0.084	97.1	-0.4	
LC0016	0.580	0.060	100.5	0.1	
LC0017	0.632	0.063	109.6	1.2	

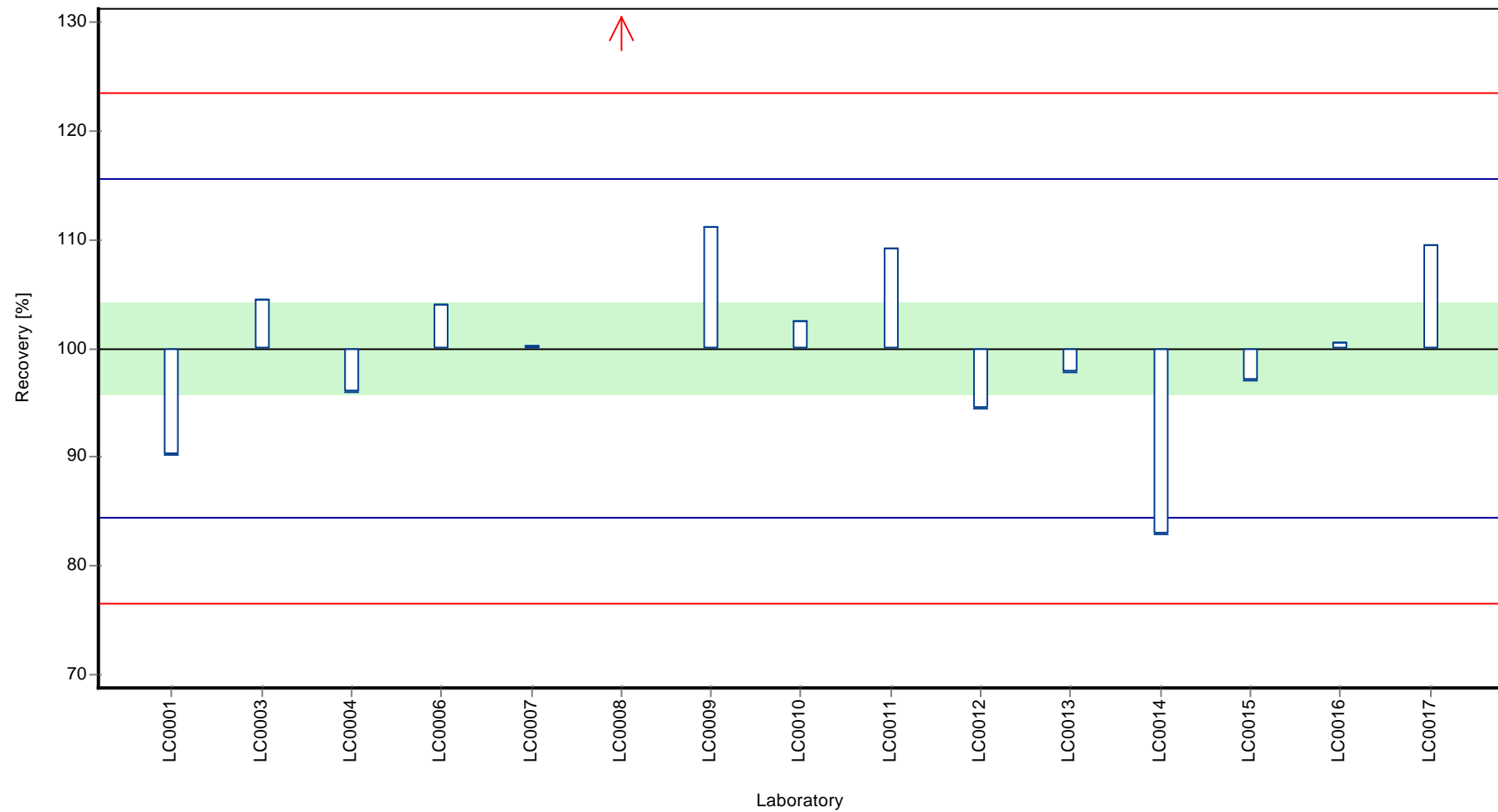
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.594 ± 0.0623	0.577 ± 0.0361	µg/l
Minimum	0.478	0.478	µg/l
Maximum	0.839	0.641	µg/l
Standard deviation	0.0804	0.0451	µg/l
rel. Standard deviation	13.5	7.81	%
n	15	14	-

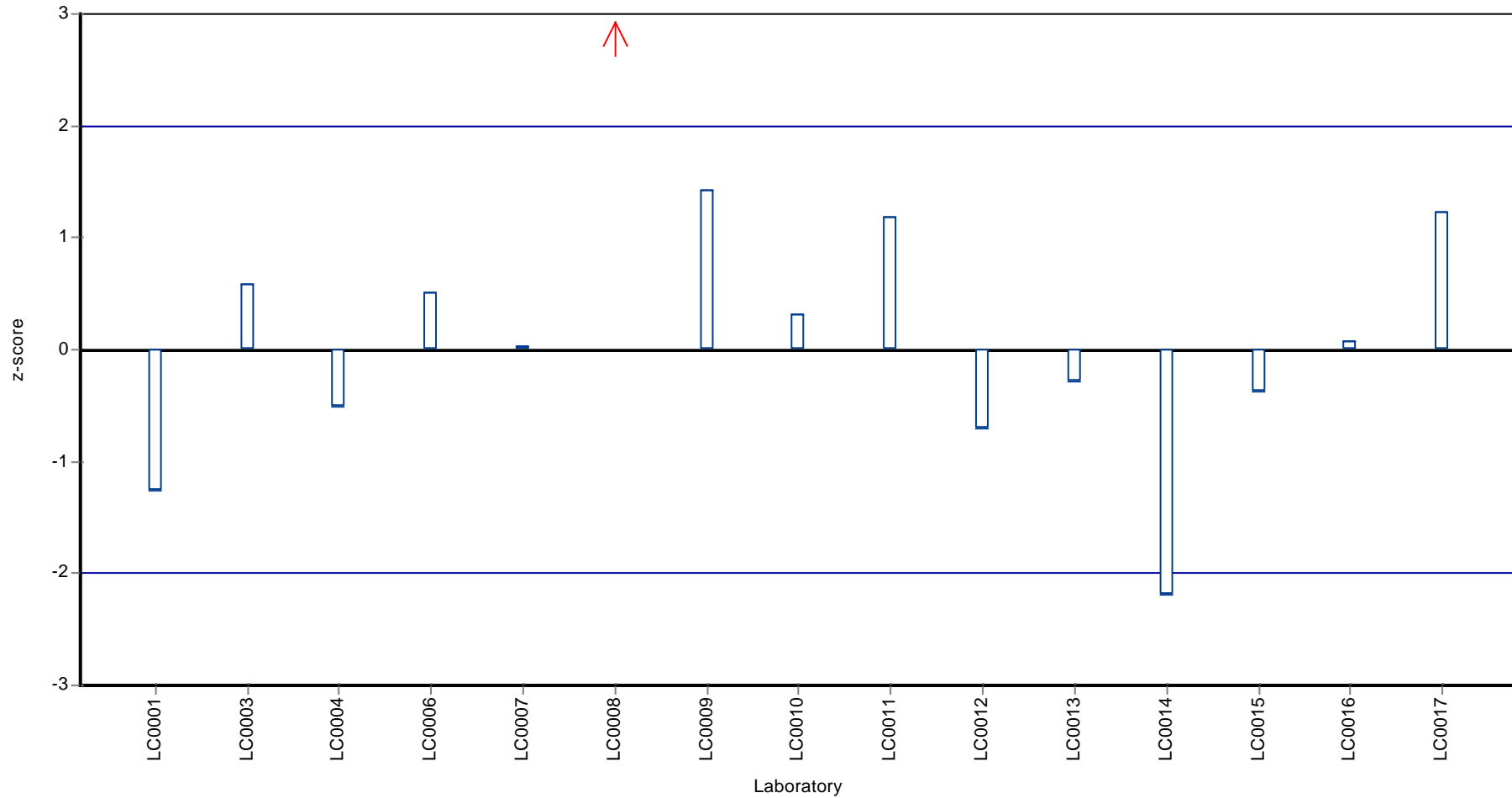
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H93 B

Atrazine

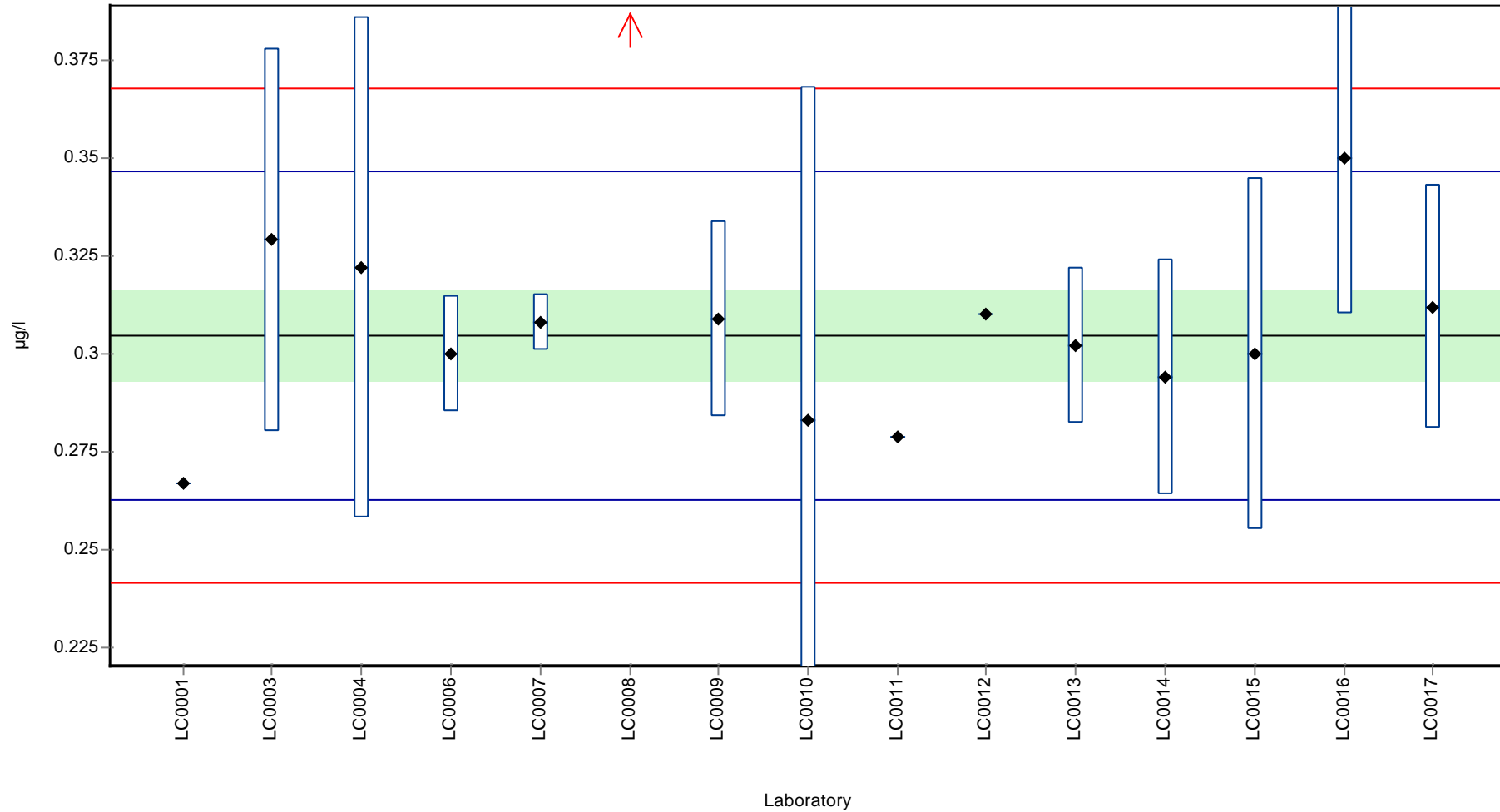
Unit	µg/l
Mean ± CI (99%)	0.305 ± 0.0169
Minimum - Maximum	0.267 - 0.35
Check value ± U	0.35 ± 0.014

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.267	-	87.6	-1.8	
LC0002	-	-	-	-	
LC0003	0.329	0.049	108.0	1.2	
LC0004	0.322	0.064	105.7	0.8	
LC0005	-	-	-	-	
LC0006	0.300	0.015	98.5	-0.2	
LC0007	0.308	0.0072	101.1	0.2	
LC0008	0.448	0.090	147.1	6.8	H
LC0009	0.309	0.025	101.4	0.2	
LC0010	0.283	0.085	92.9	-1.0	
LC0011	0.279	-	91.6	-1.2	
LC0012	0.310	-	101.8	0.3	
LC0013	0.302	0.020	99.1	-0.1	
LC0014	0.294	0.030	96.5	-0.5	
LC0015	0.300	0.045	98.5	-0.2	
LC0016	0.350	0.040	114.9	2.2	
LC0017	0.312	0.031	102.4	0.3	

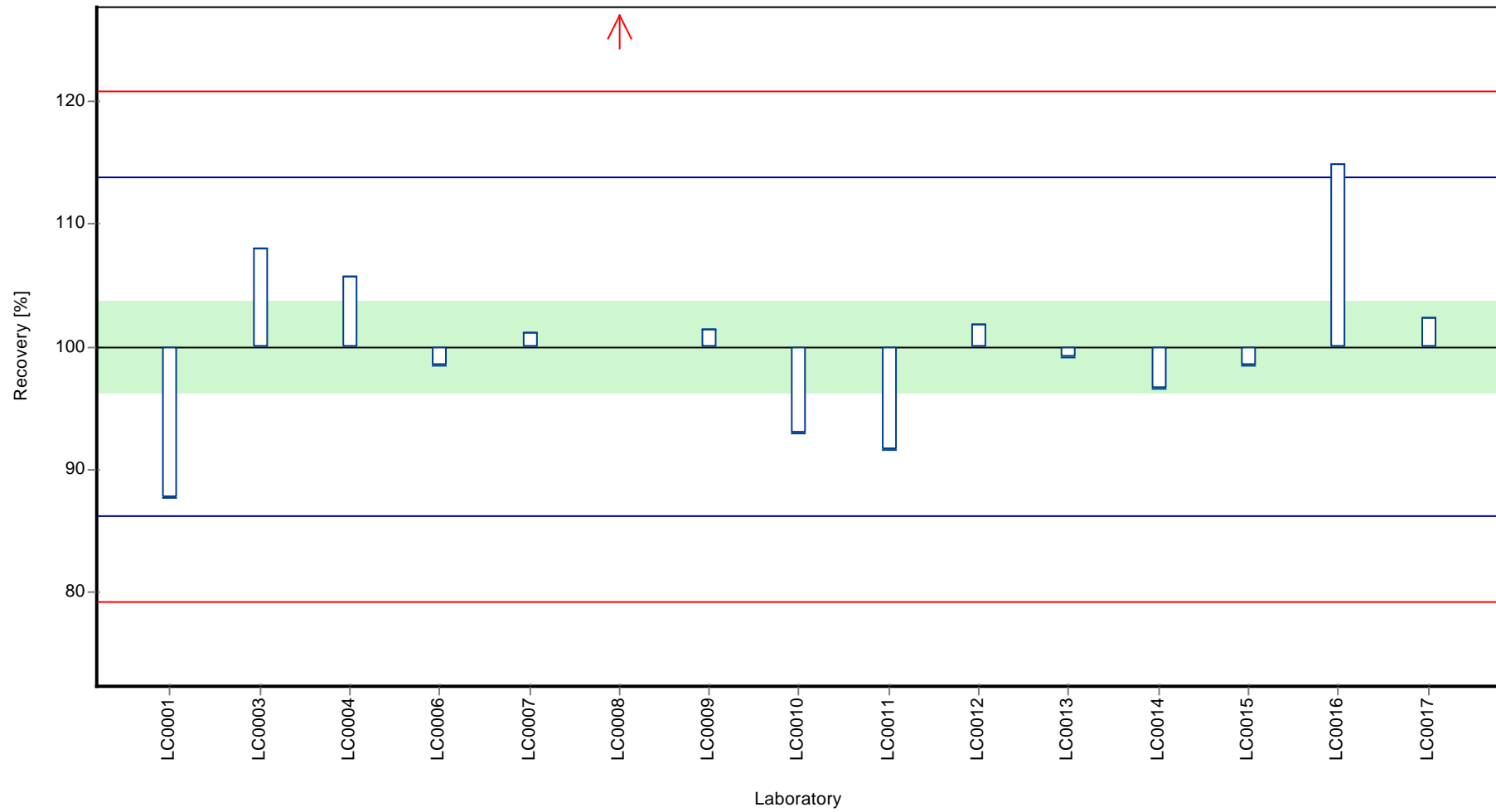
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.314 ± 0.0327	0.305 ± 0.0169	µg/l
Minimum	0.267	0.267	µg/l
Maximum	0.448	0.35	µg/l
Standard deviation	0.0422	0.0211	µg/l
rel. Standard deviation	13.4	6.92	%
n	15	14	-

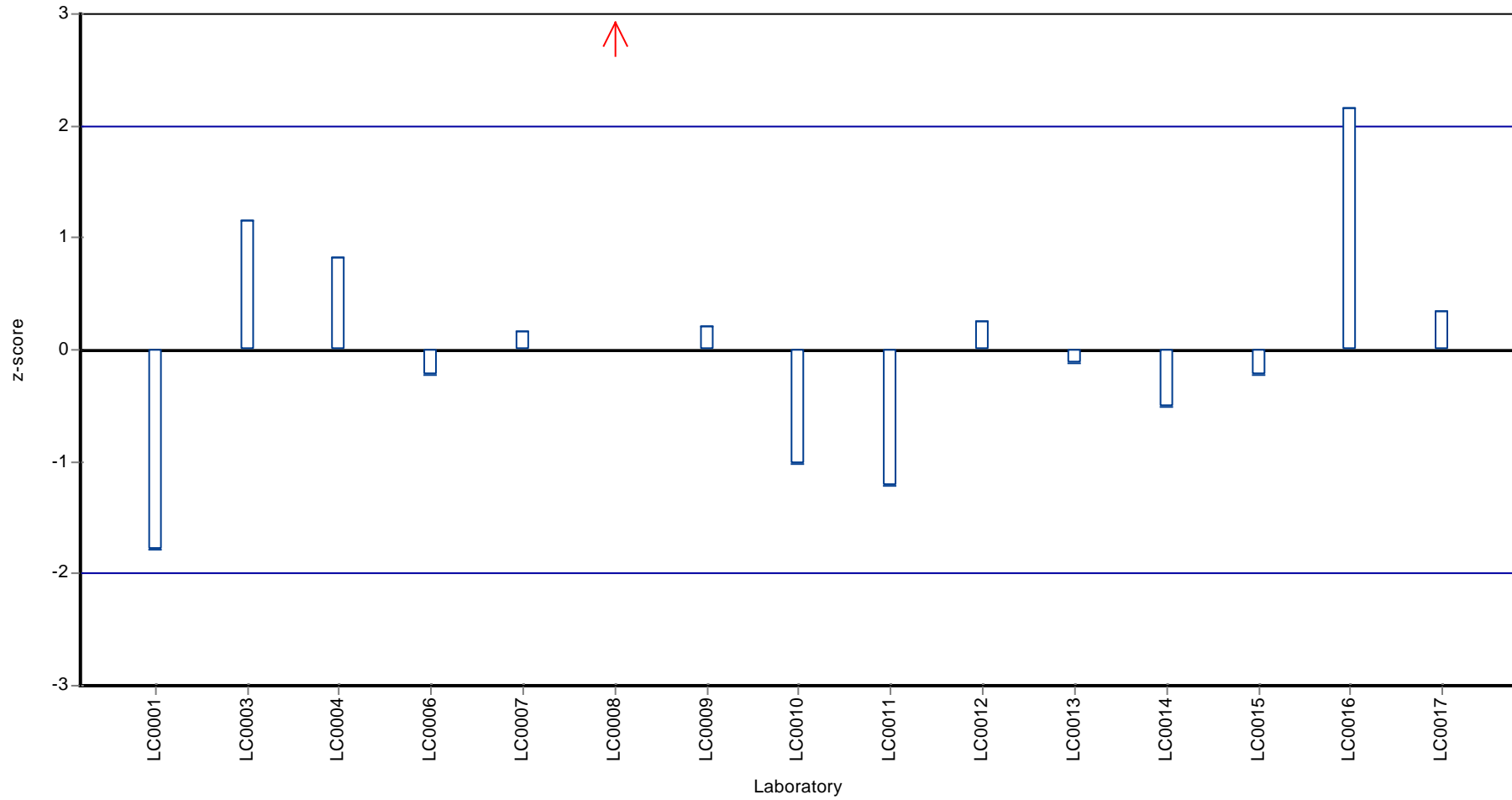
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H93 A

Bromacil

Unit	µg/l
Mean ± CI (99%)	0.657 ± 0.0979
Minimum - Maximum	0.517 - 0.796
Check value ± U	0.82 ± 0.015

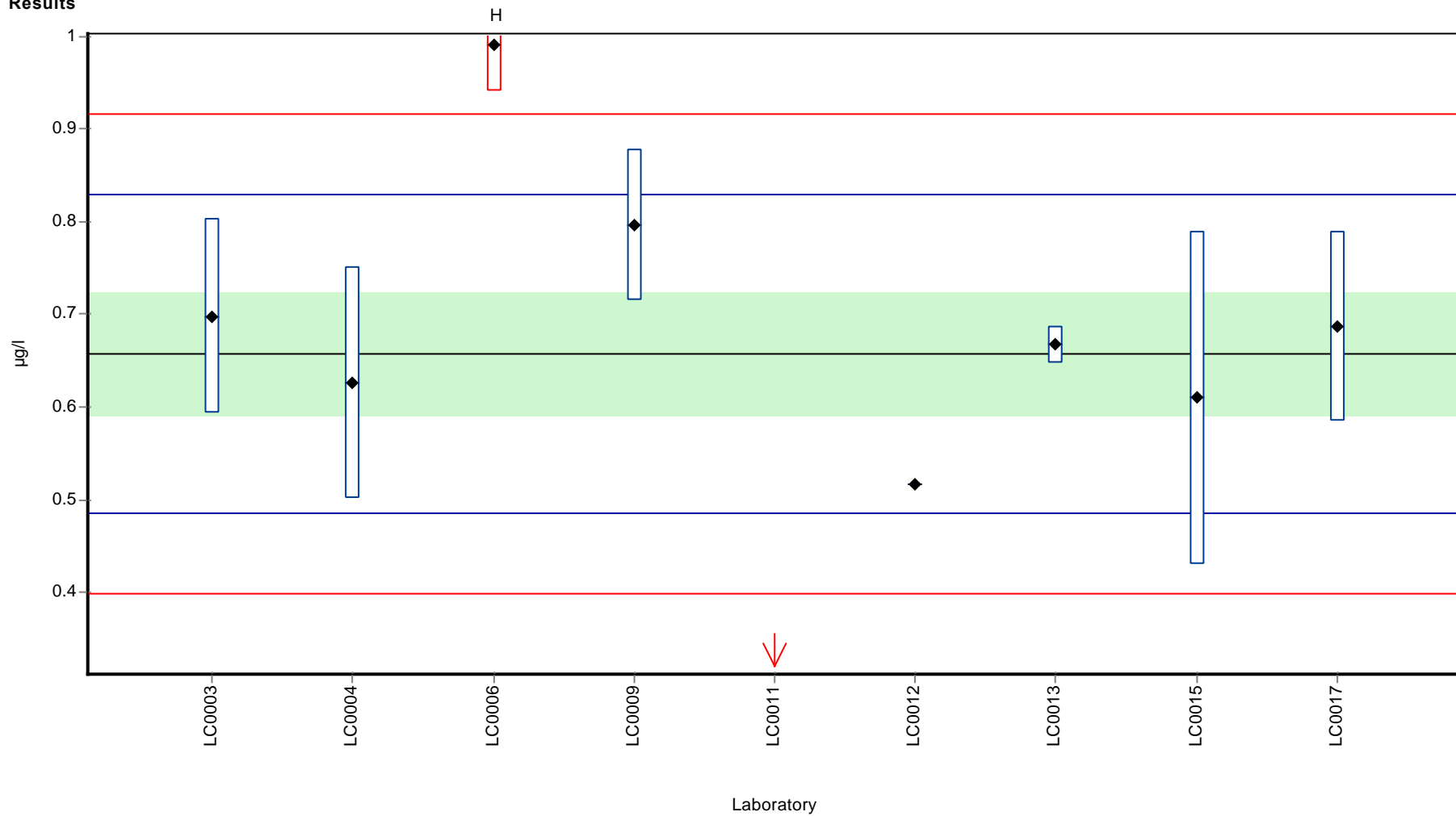
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.698	0.105	106.2	0.5	
LC0004	0.626	0.125	95.2	-0.4	
LC0005	-	-	-	-	
LC0006	0.990	0.050	150.6	3.9	H
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	0.796	0.081	121.1	1.6	
LC0010	-	-	-	-	
LC0011	0.079	-	12.0	-6.7	H
LC0012	0.517	-	78.7	-1.6	
LC0013	0.667	0.020	101.5	0.1	
LC0014	-	-	-	-	
LC0015	0.610	0.180	92.8	-0.5	
LC0016	-	-	-	-	
LC0017	0.687	0.103	104.5	0.3	

Characteristics of parameter

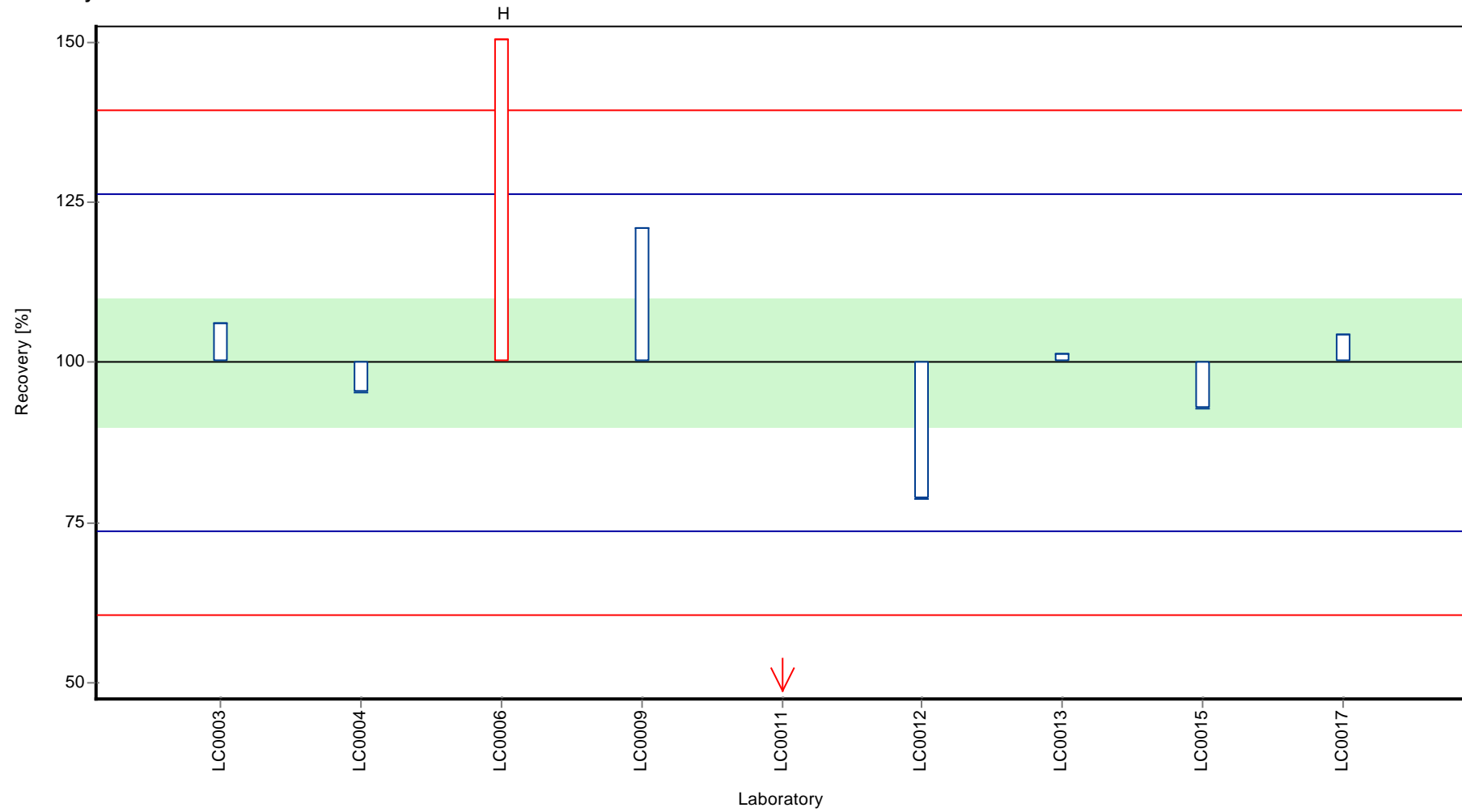
	all results	without outliers	Unit
Mean ± CI (99%)	0.63 ± 0.246	0.657 ± 0.0979	µg/l
Minimum	0.079	0.517	µg/l
Maximum	0.99	0.796	µg/l
Standard deviation	0.246	0.0864	µg/l
rel. Standard deviation	39	13.1 %	
n	9	7	-

Graphical presentation of results

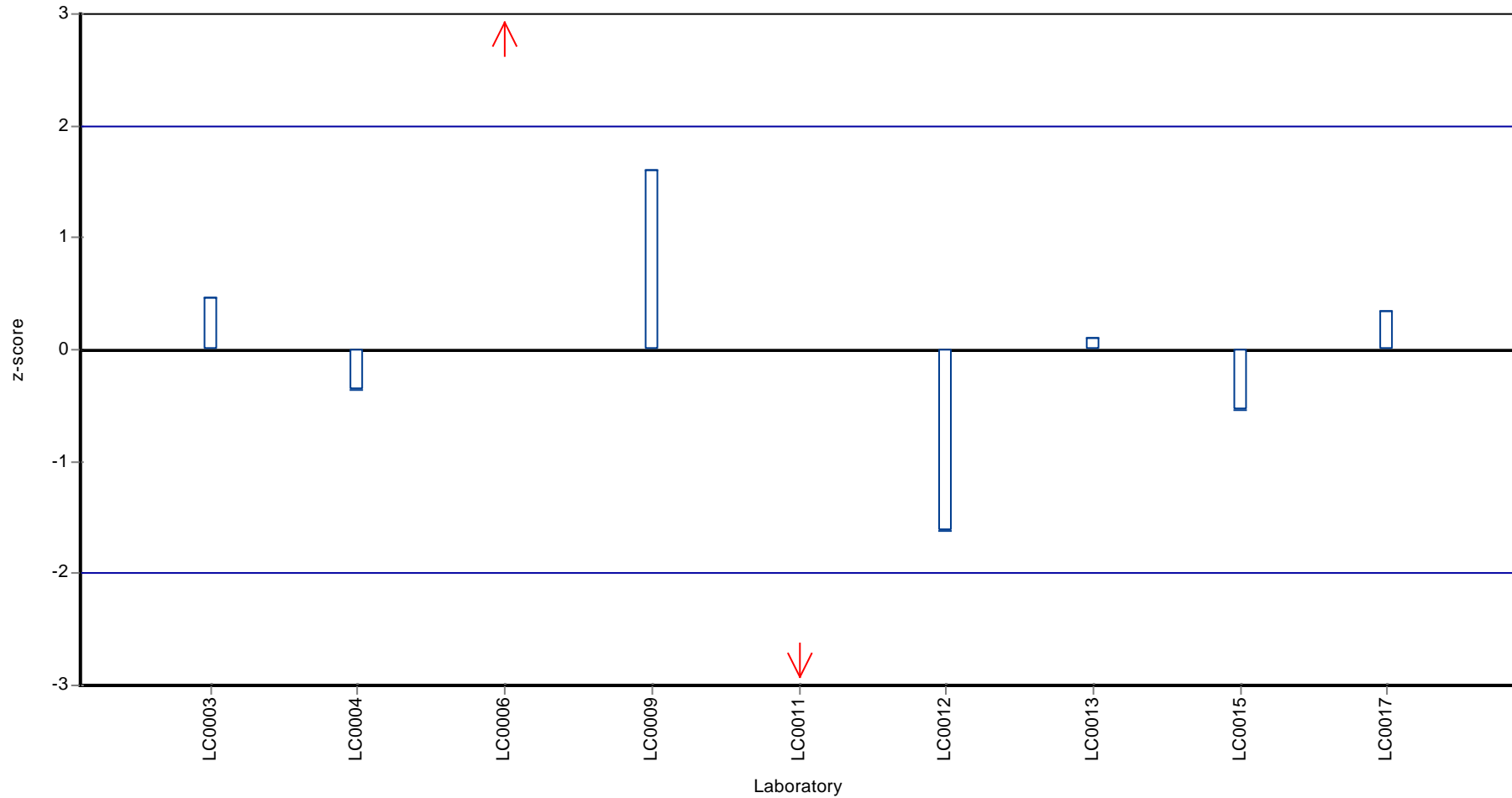
Results



Recovery rate



Z-score



Parameter oriented report

H93 B

Bromacil

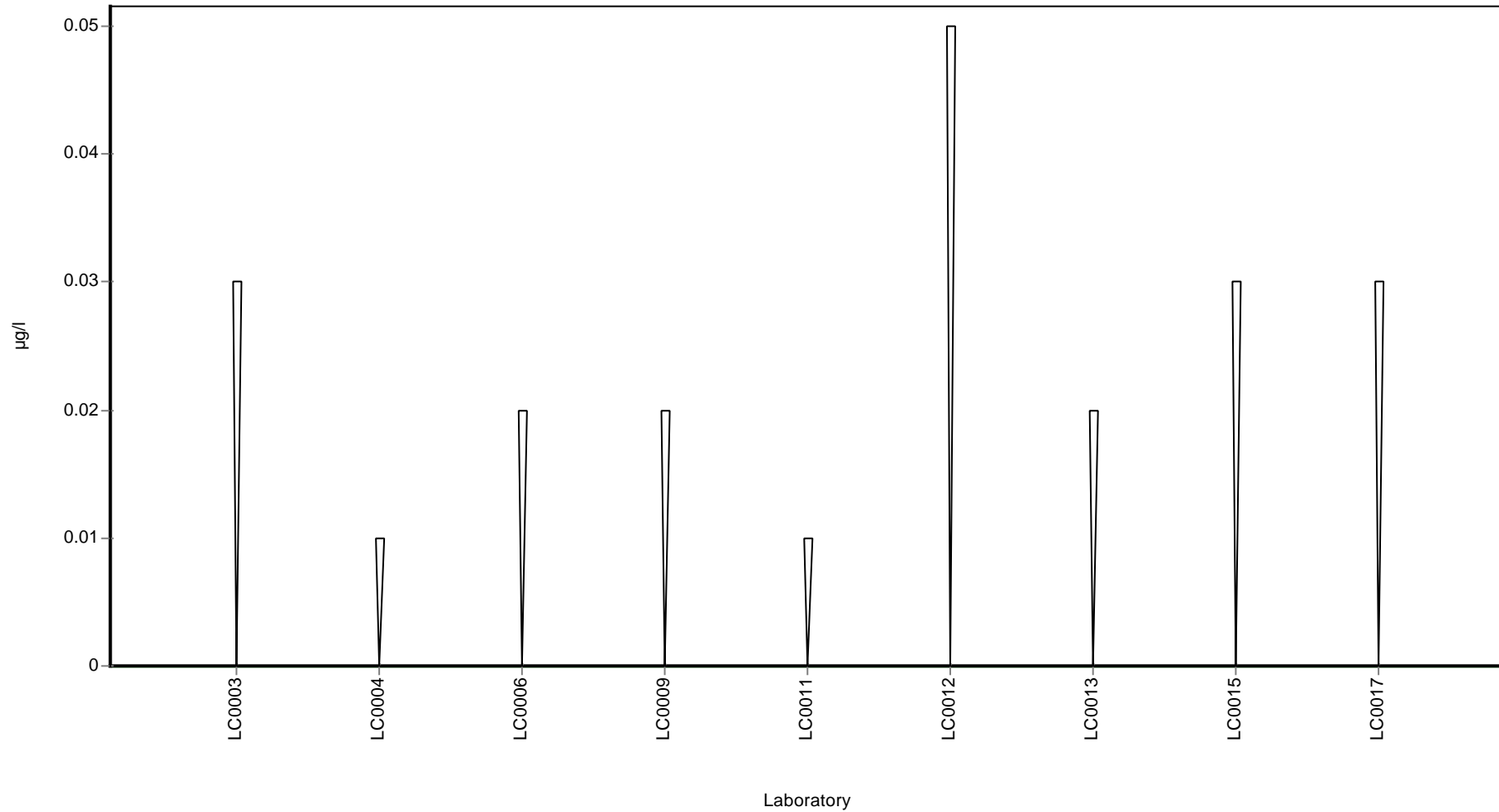
Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Check value ± U	< 0.025 (LOD)

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

Characteristics of parameter

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

Graphical presentation of results
Results



Parameter oriented report

H93 A

Clothianidin

Unit	µg/l
Mean ± CI (99%)	0.448 ± 0.113
Minimum - Maximum	0.336 - 0.599
Check value ± U	0.41 ± 0.051

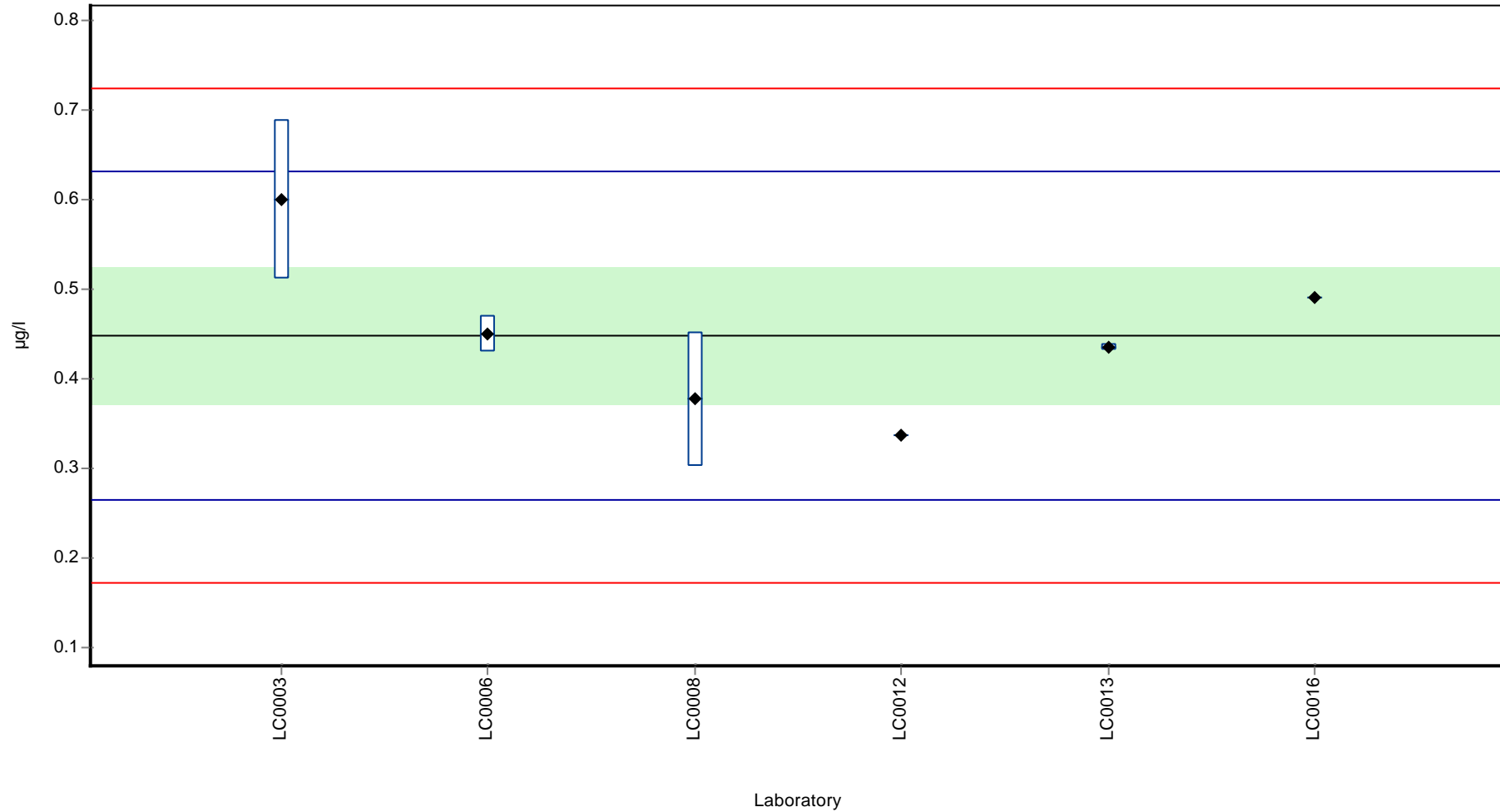
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.599	0.089	133.8	1.6	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	0.450	0.020	100.5	0.0	
LC0007	-	-	-	-	
LC0008	0.377	0.075	84.2	-0.8	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.336	-	75.0	-1.2	
LC0013	0.435	0.004	97.1	-0.1	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.490	-	109.4	0.5	
LC0017	-	-	-	-	

Characteristics of parameter

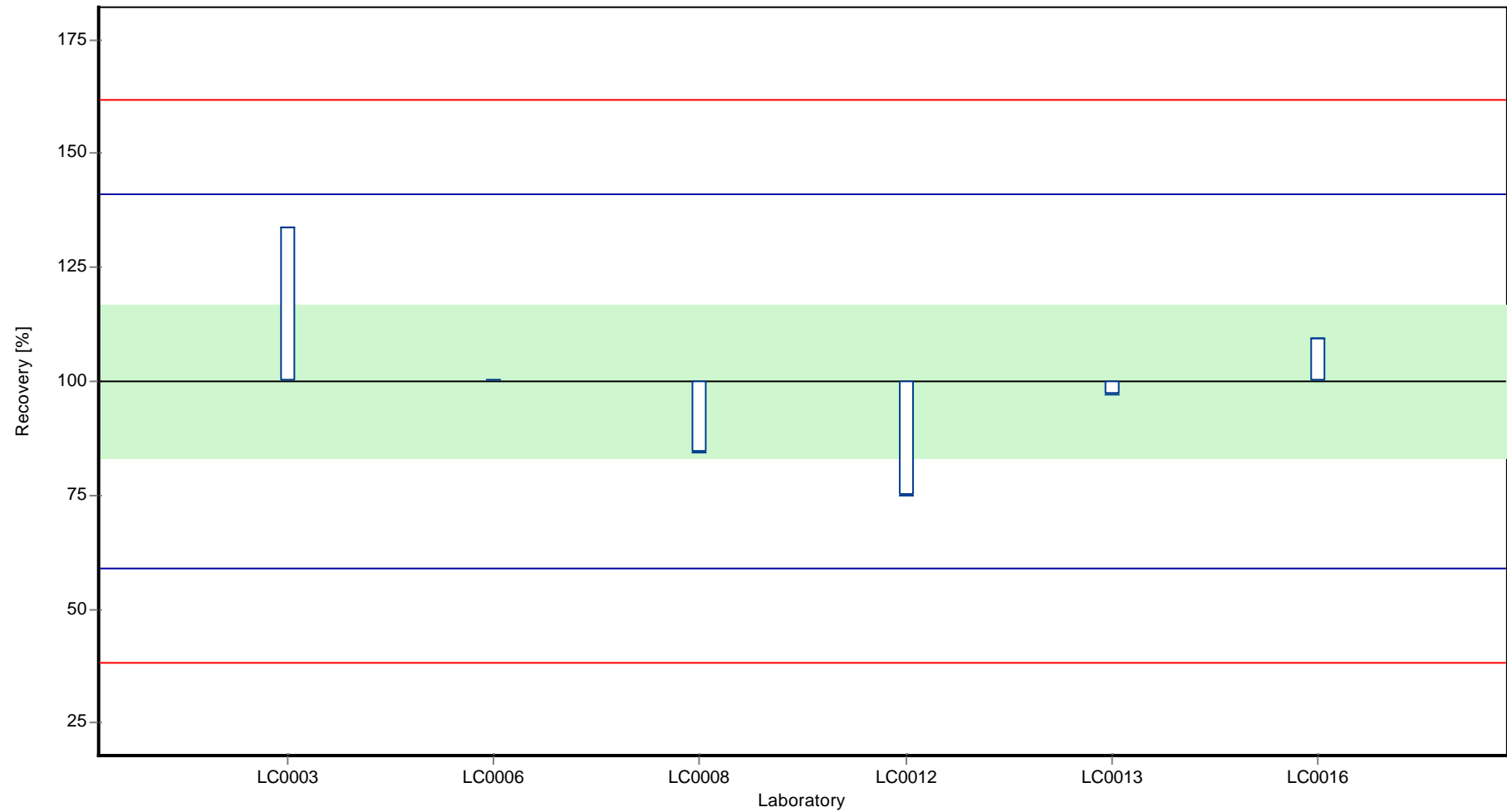
	all results	without outliers	Unit
Mean ± CI (99%)	0.448 ± 0.113	0.448 ± 0.113	µg/l
Minimum	0.336	0.336	µg/l
Maximum	0.599	0.599	µg/l
Standard deviation	0.092	0.092	µg/l
rel. Standard deviation	20.5	20.5	%
n	6	6	-

Graphical presentation of results

Results



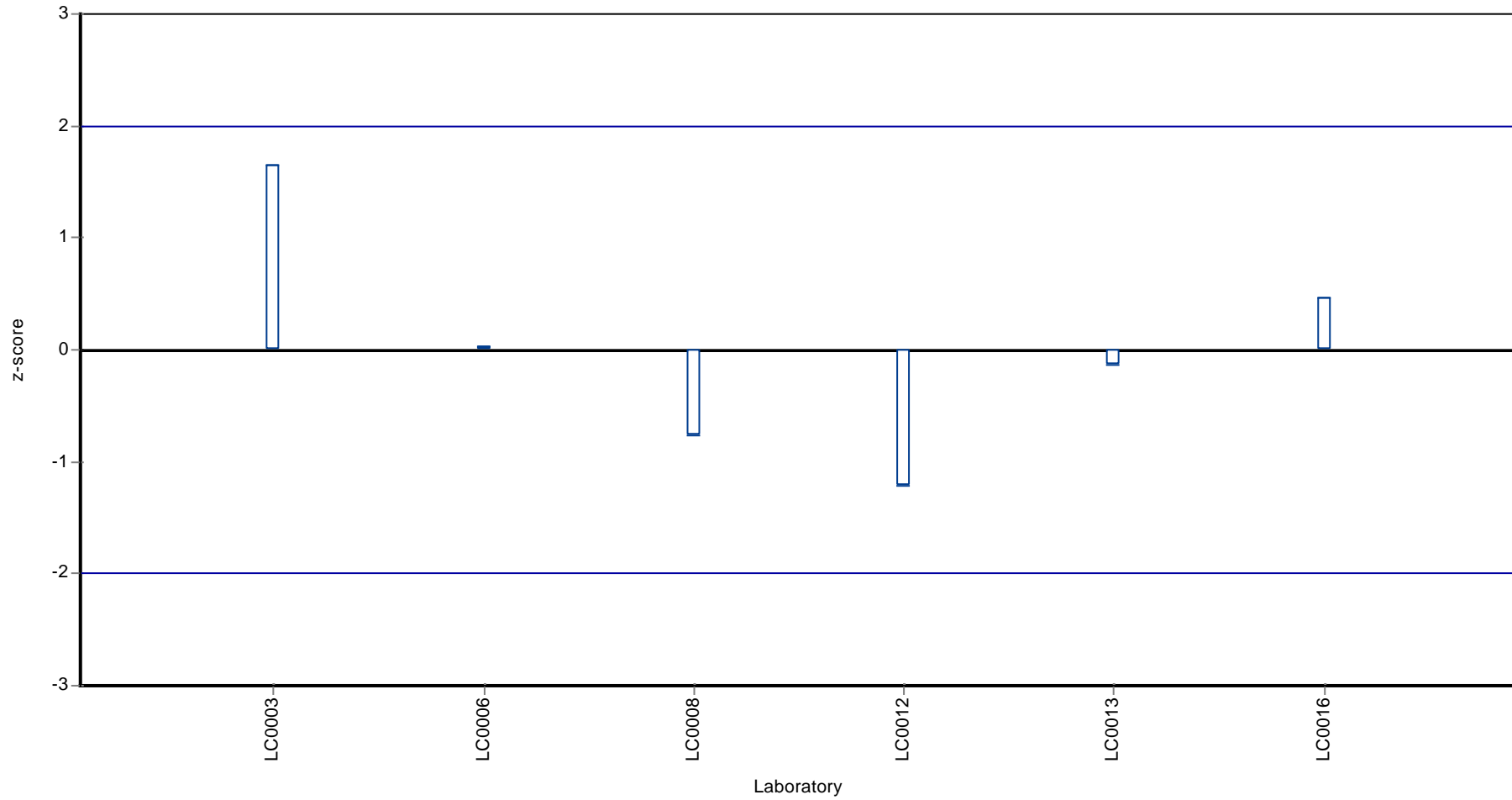
Recovery rate



Parameter oriented report Pesticides H93

Sample: H93A, Parameter: Clothianidin

Z-score



Parameter oriented report

H93 B

Clothianidin

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.158 - 0.23
Check value ± U	0.20 ± 0.019

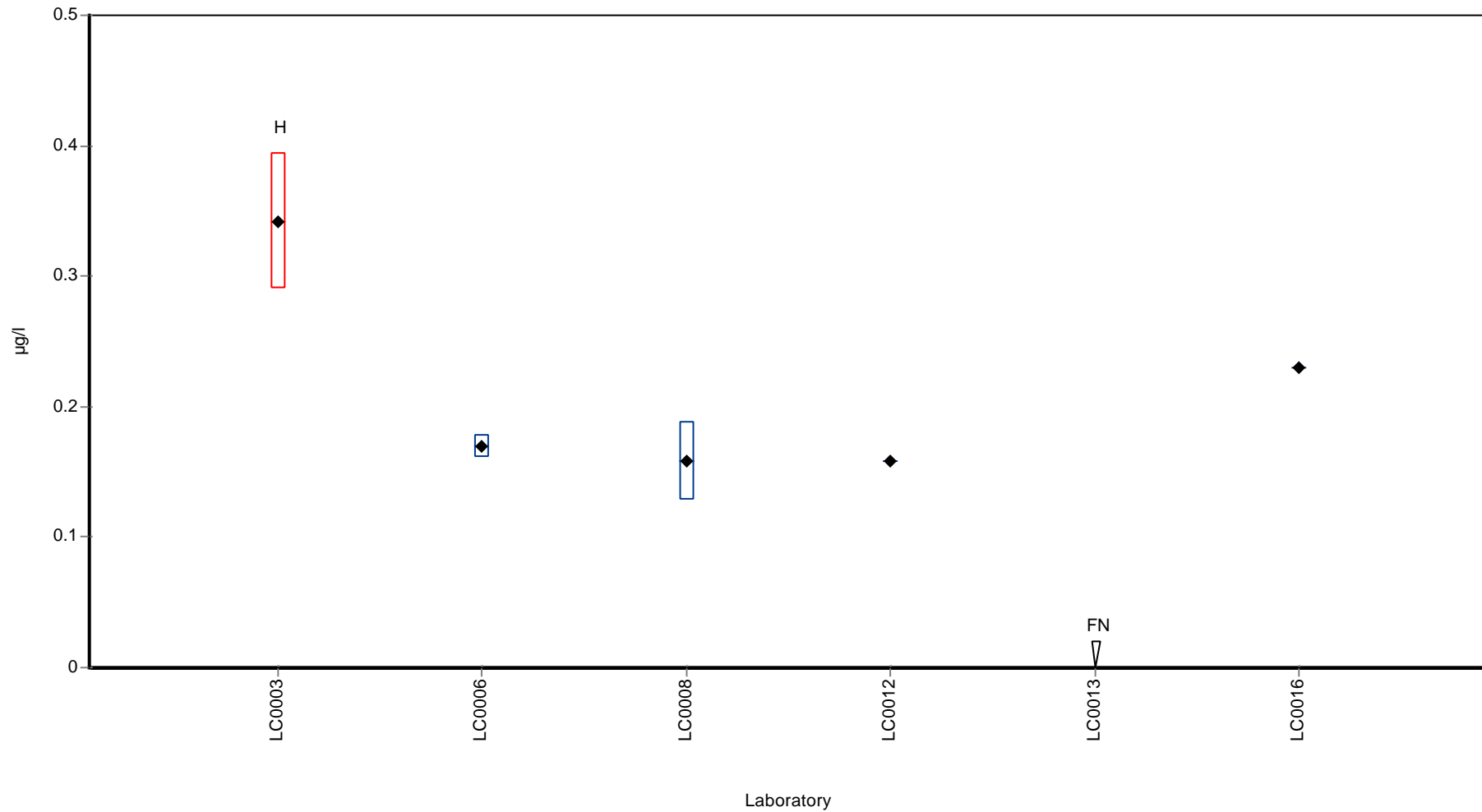
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.342	0.052	-	-	H
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	0.170	0.009	-	-	
LC0007	-	-	-	-	
LC0008	0.158	0.030	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.158	-	-	-	
LC0013	< 0.02 (LOQ)	-	-	-	FN
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.230	-	-	-	
LC0017	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.212 ± 0.106	-	µg/l
Minimum	0.158	0.158	µg/l
Maximum	0.342	0.23	µg/l
Standard deviation	0.0788	-	µg/l
rel. Standard deviation	37.2	-	%
n	5	4	-

Graphical presentation of results

Results



Parameter oriented report

H93 A

Cyanazine

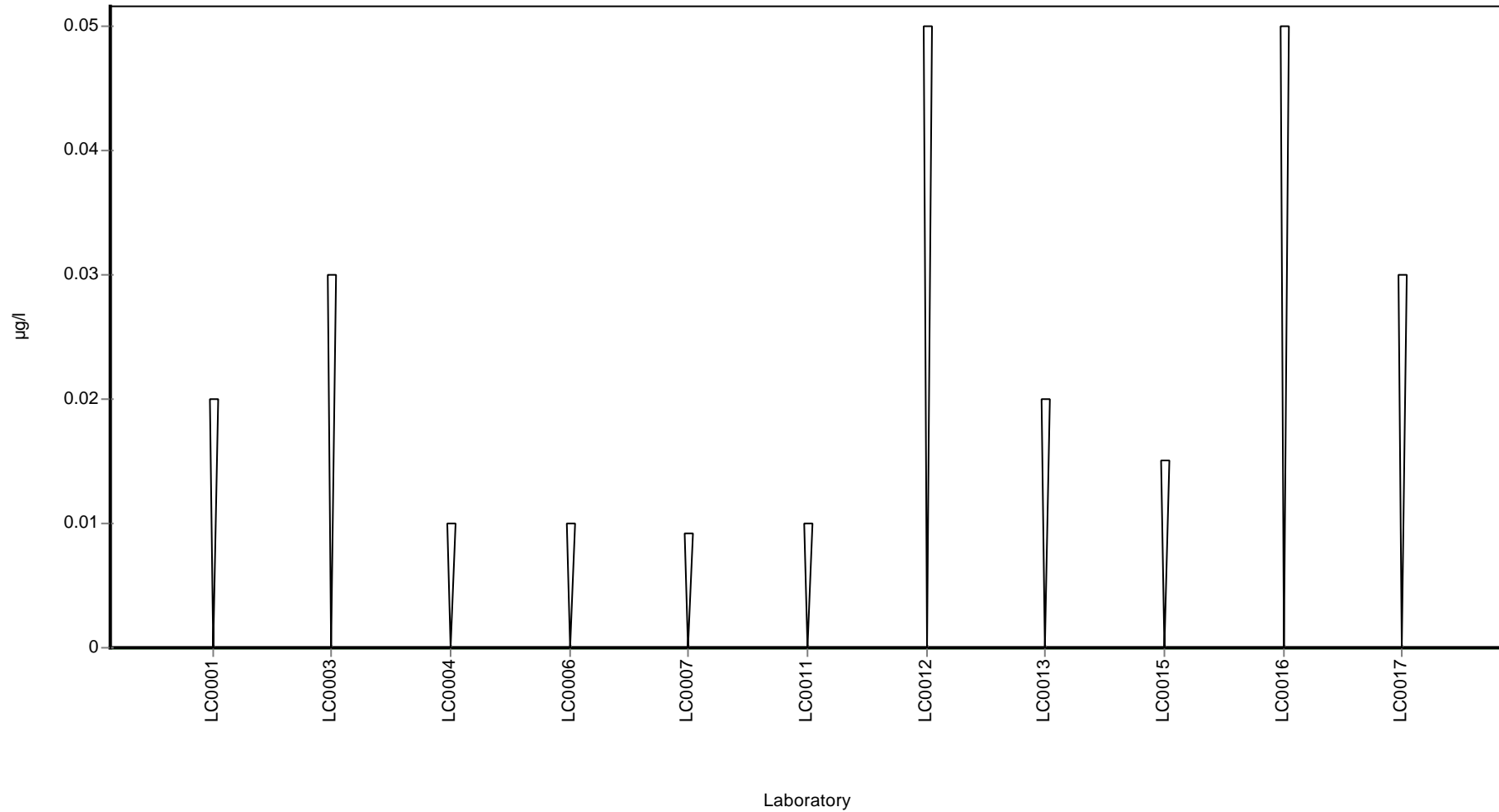
Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Check value ± U	< 0.025 (LOD)

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	< 0.02 (LOQ)	-	-	-	
LC0002	-	-	-	-	
LC0003	< 0.03 (LOQ)	-	-	-	
LC0004	< 0.01 (LOQ)	-	-	-	
LC0005	-	-	-	-	
LC0006	< 0.01 (LOQ)	-	-	-	
LC0007	<0.0092 (LOD)	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	< 0.05 (LOQ)	-	-	-	
LC0013	< 0.02 (LOQ)	-	-	-	
LC0014	-	-	-	-	
LC0015	< 0.015 (LOQ)	-	-	-	
LC0016	< 0.05 (LOQ)	-	-	-	
LC0017	< 0.03 (LOQ)	-	-	-	

Characteristics of parameter

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

Graphical presentation of results
Results



Parameter oriented report

H93 B

Cyanazine

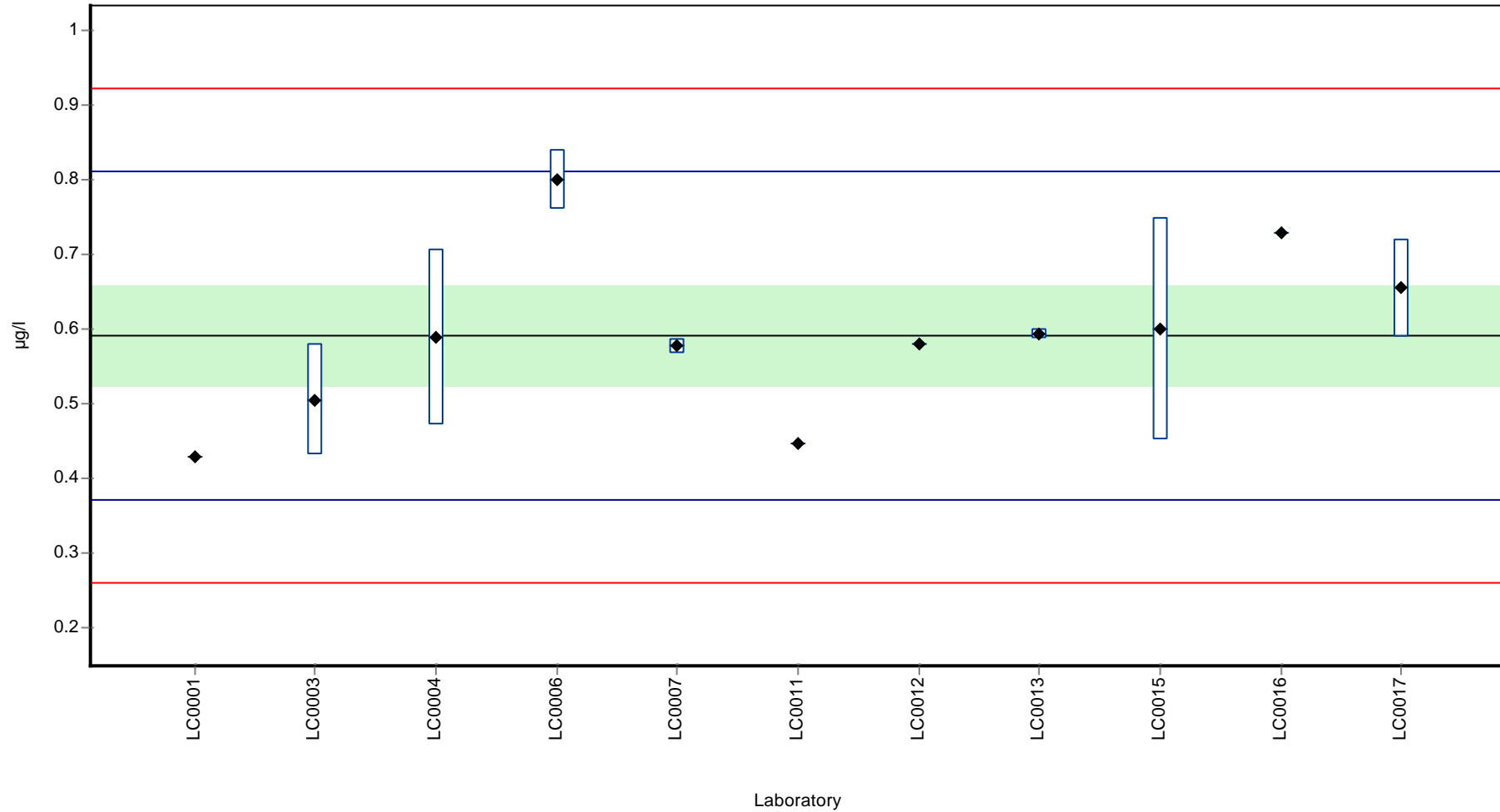
Unit	µg/l
Mean ± CI (99%)	0.591 ± 0.1
Minimum - Maximum	0.428 - 0.8
Check value ± U	0.67 ± 0.014

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.428	-	72.4	-1.5	
LC0002	-	-	-	-	
LC0003	0.505	0.075	85.4	-0.8	
LC0004	0.588	0.118	99.5	0.0	
LC0005	-	-	-	-	
LC0006	0.800	0.040	135.3	1.9	
LC0007	0.577	0.010	97.6	-0.1	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.446	-	75.4	-1.3	
LC0012	0.580	-	98.1	-0.1	
LC0013	0.594	0.007	100.5	0.0	
LC0014	-	-	-	-	
LC0015	0.600	0.150	101.5	0.1	
LC0016	0.730	-	123.5	1.3	
LC0017	0.655	0.066	110.8	0.6	

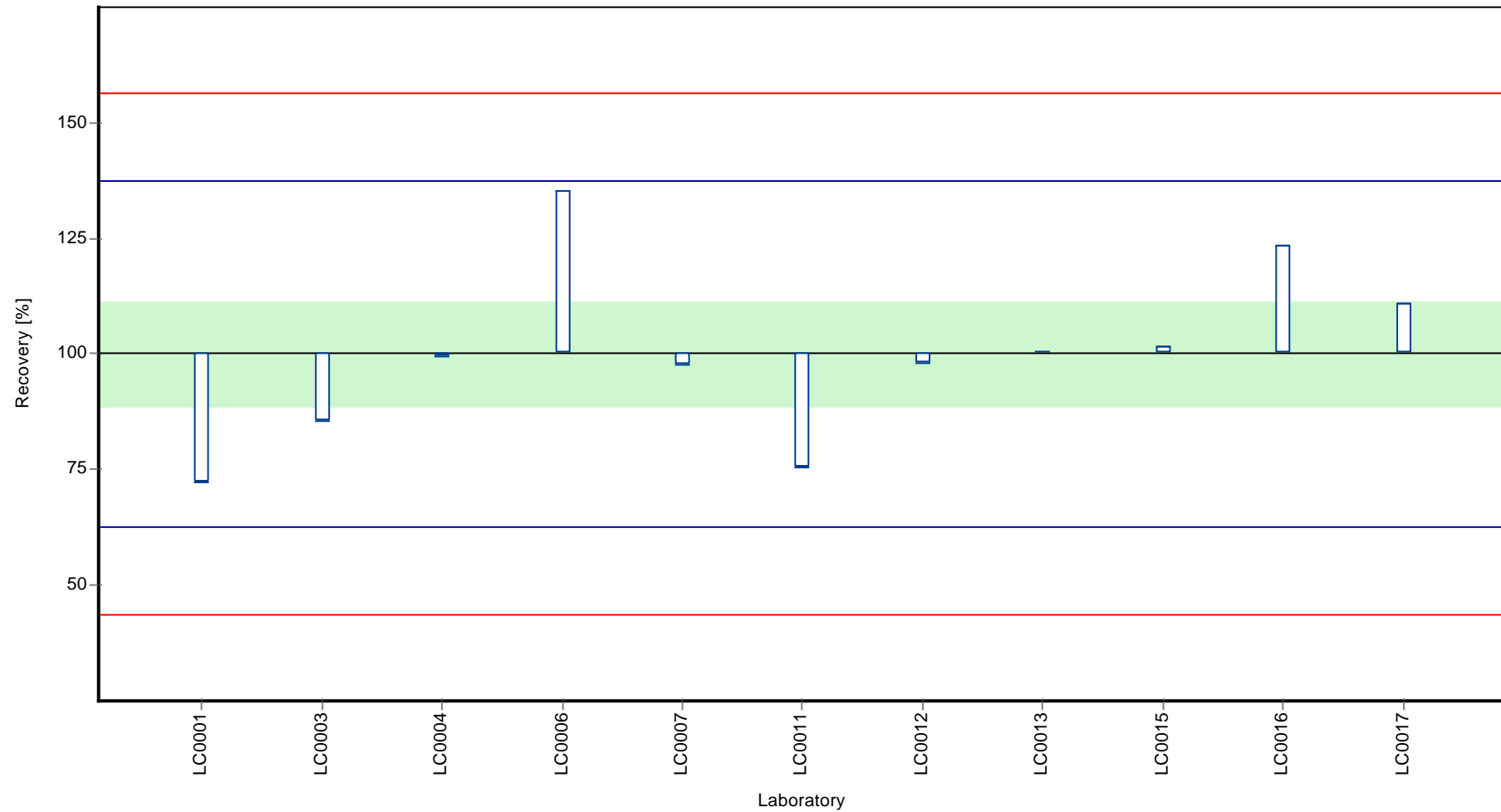
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.591 ± 0.1	0.591 ± 0.1	µg/l
Minimum	0.428	0.428	µg/l
Maximum	0.8	0.8	µg/l
Standard deviation	0.111	0.111	µg/l
rel. Standard deviation	18.7	18.7	%
n	11	11	-

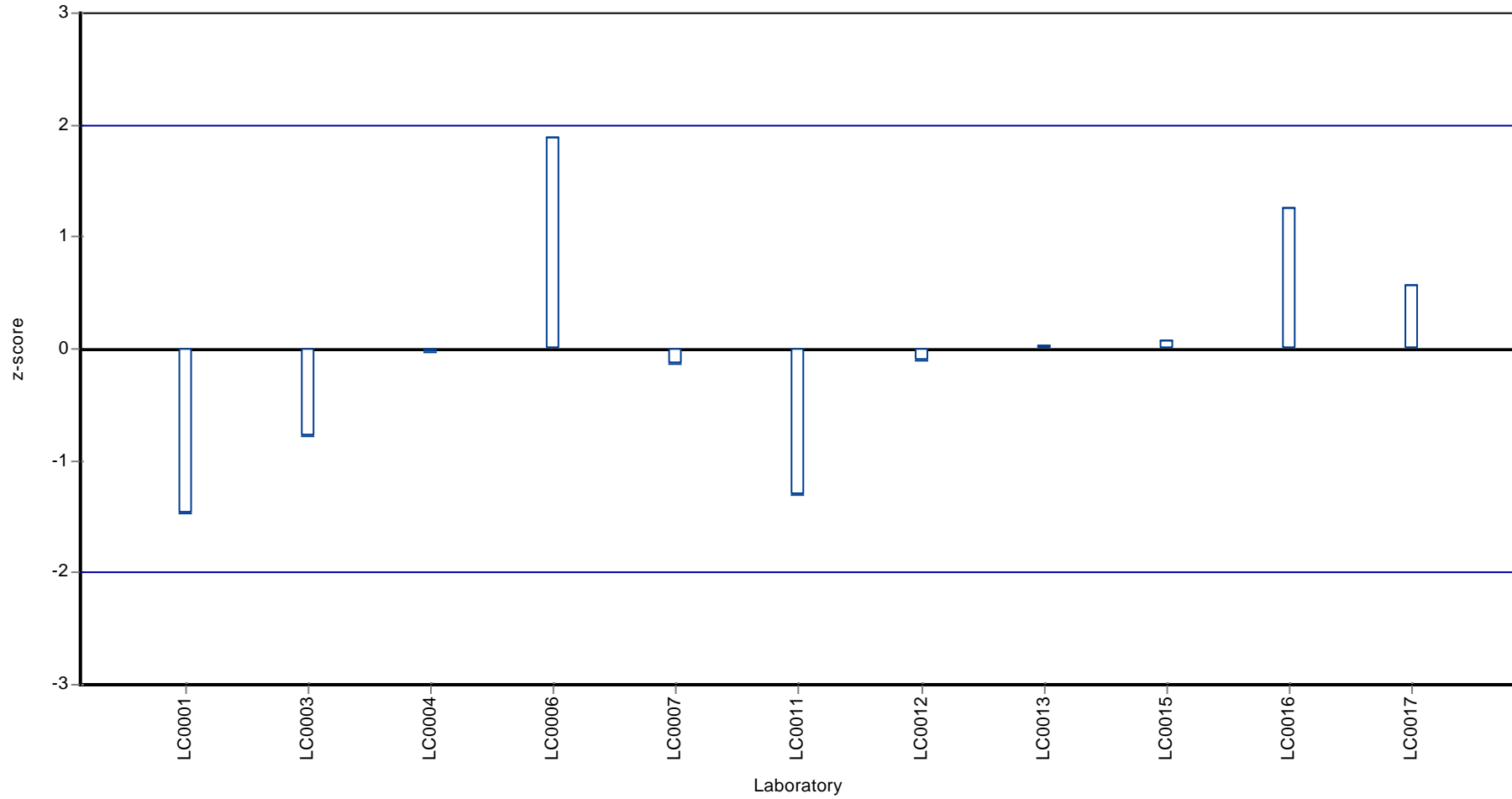
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H93 A

Desethylatrazine

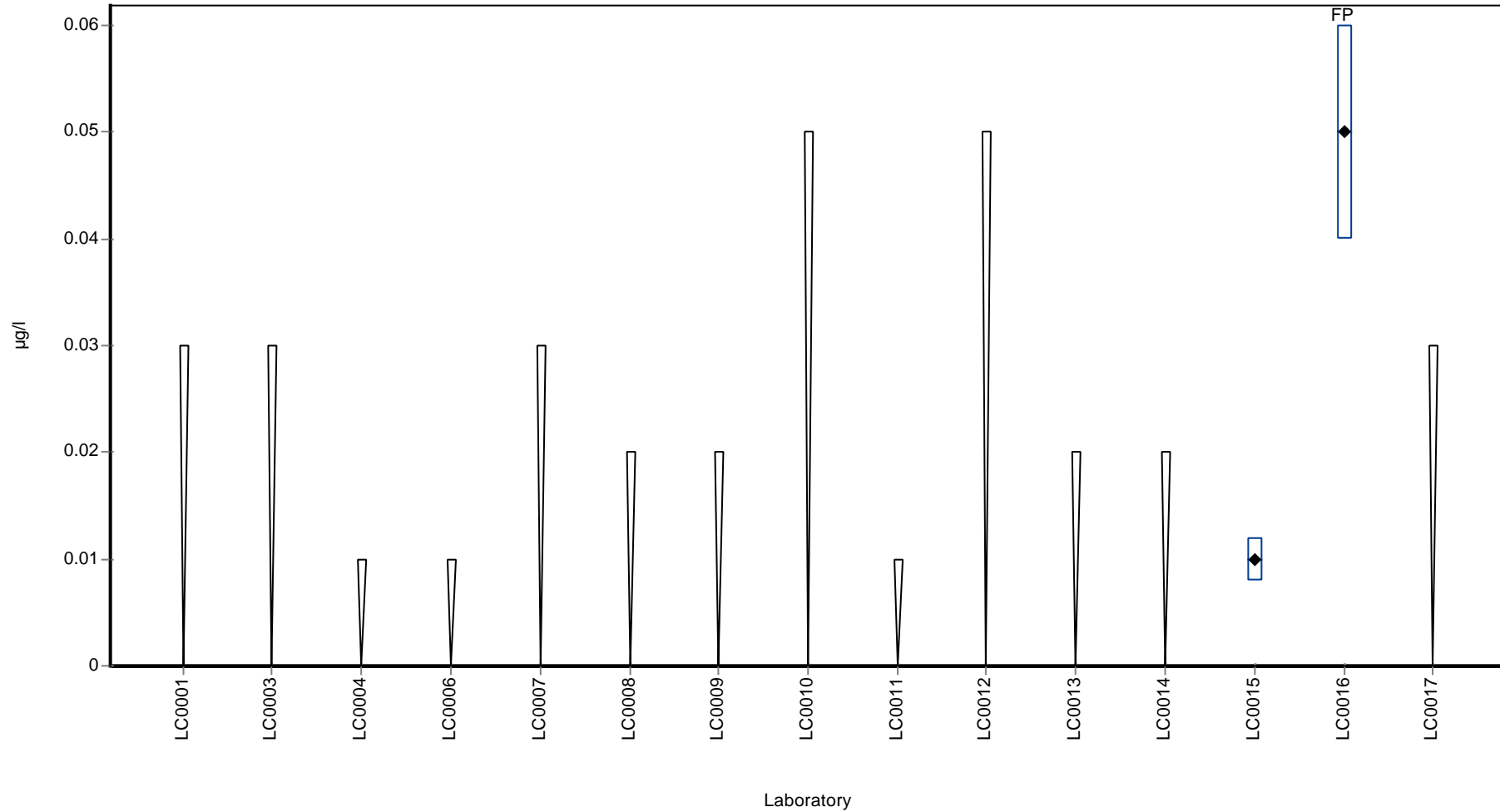
Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.01 - 0.05
Check value ± U	< 0.025 (LOD)

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	< 0.03 (LOQ)	-	-	-	
LC0002	-	-	-	-	
LC0003	< 0.03 (LOQ)	-	-	-	
LC0004	< 0.01 (LOQ)	-	-	-	
LC0005	-	-	-	-	
LC0006	< 0.01 (LOQ)	-	-	-	
LC0007	< 0.03 (LOQ)	-	-	-	
LC0008	< 0.02 (LOQ)	-	-	-	
LC0009	< 0.02 (LOQ)	-	-	-	
LC0010	< 0.05 (LOQ)	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	< 0.05 (LOQ)	-	-	-	
LC0013	< 0.02 (LOQ)	-	-	-	
LC0014	< 0.02 (LOQ)	-	-	-	
LC0015	0.010	0.002	-	-	
LC0016	0.050	0.010	-	-	FP
LC0017	< 0.03 (LOQ)	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.03 ± 0.06	-	µg/l
Minimum	0.01	0.01	µg/l
Maximum	0.05	0.05	µg/l
Standard deviation	0.0283	-	µg/l
rel. Standard deviation	94.3	-	%
n	2	2	-

Graphical presentation of results
Results



Parameter oriented report

H93 B

Desethylatrazine

Unit	µg/l
Mean ± CI (99%)	0.627 ± 0.0552
Minimum - Maximum	0.53 - 0.75
Check value ± U	0.66 ± 0.025

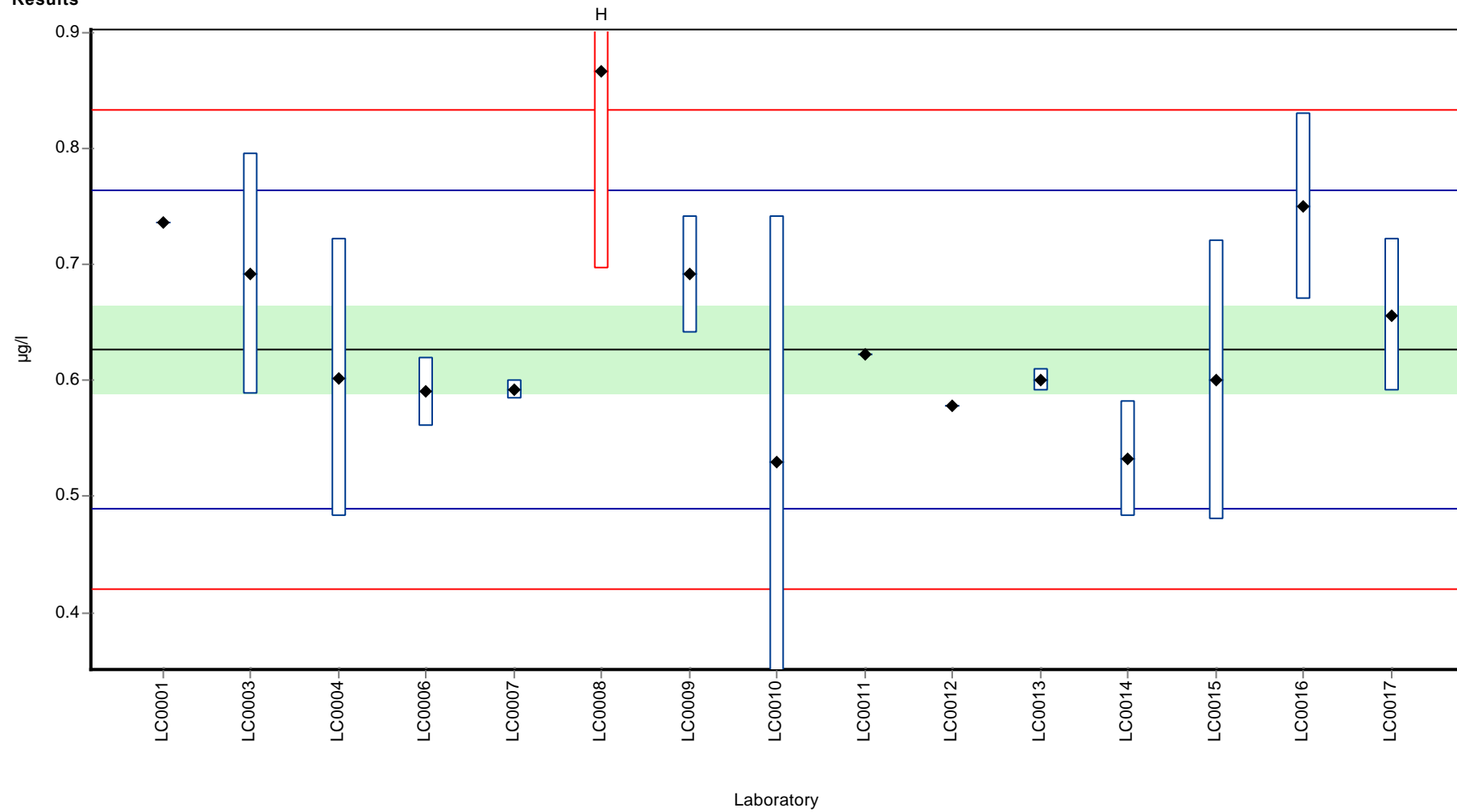
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.736	-	117.5	1.6	
LC0002	-	-	-	-	
LC0003	0.692	0.104	110.5	1.0	
LC0004	0.602	0.120	96.1	-0.4	
LC0005	-	-	-	-	
LC0006	0.590	0.030	94.2	-0.5	
LC0007	0.592	0.0084	94.5	-0.5	
LC0008	0.866	0.170	138.2	3.5	H
LC0009	0.691	0.051	110.3	0.9	
LC0010	0.530	0.212	84.6	-1.4	
LC0011	0.622	-	99.3	-0.1	
LC0012	0.578	-	92.3	-0.7	
LC0013	0.600	0.010	95.8	-0.4	
LC0014	0.532	0.050	84.9	-1.4	
LC0015	0.600	0.120	95.8	-0.4	
LC0016	0.750	0.080	119.7	1.8	
LC0017	0.656	0.066	104.7	0.4	

Characteristics of parameter

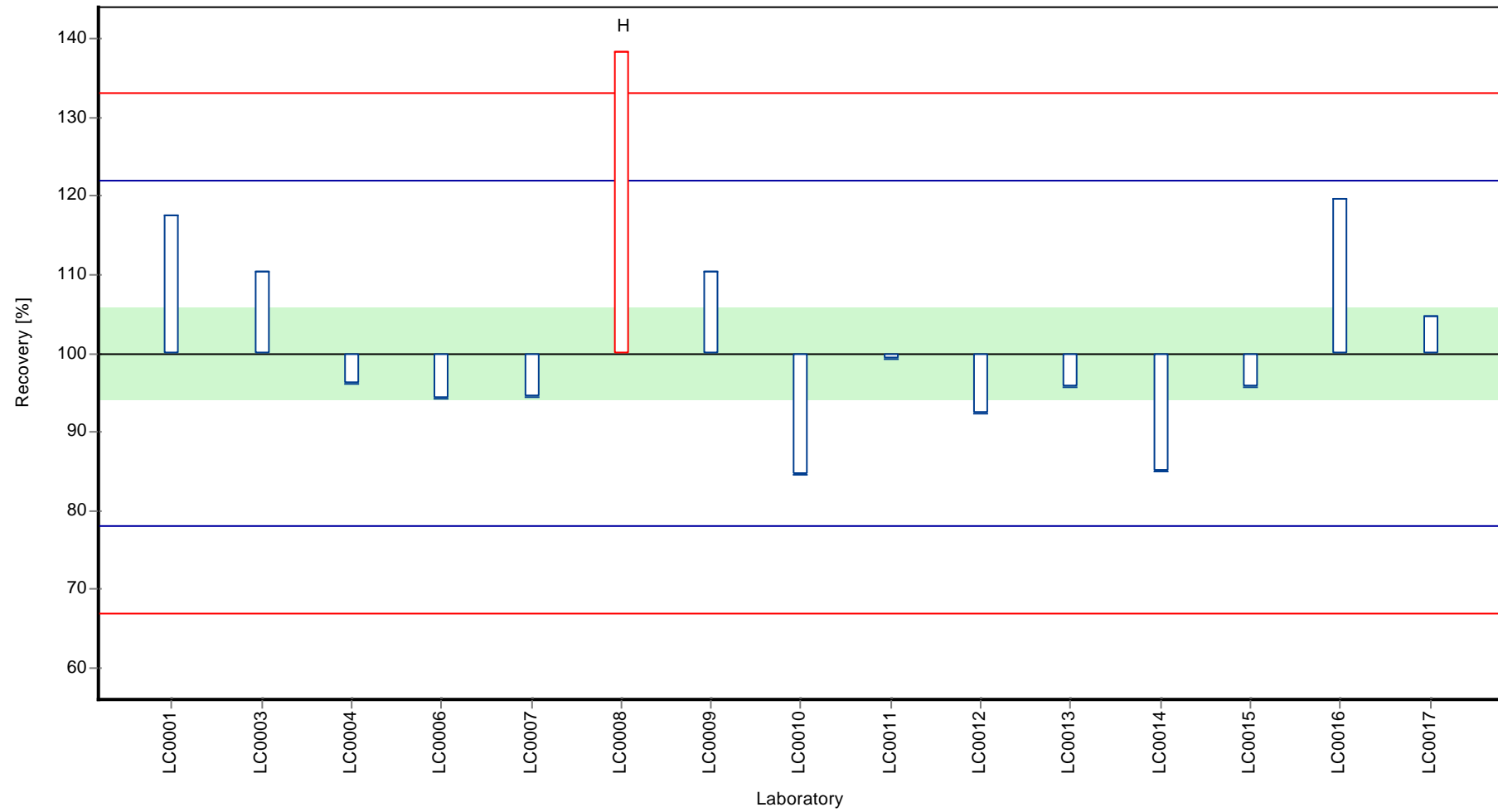
	all results	without outliers	Unit
Mean ± CI (99%)	0.642 ± 0.0703	0.627 ± 0.0552	µg/l
Minimum	0.53	0.53	µg/l
Maximum	0.866	0.75	µg/l
Standard deviation	0.0907	0.0689	µg/l
rel. Standard deviation	14.1	11	%
n	15	14	-

Graphical presentation of results

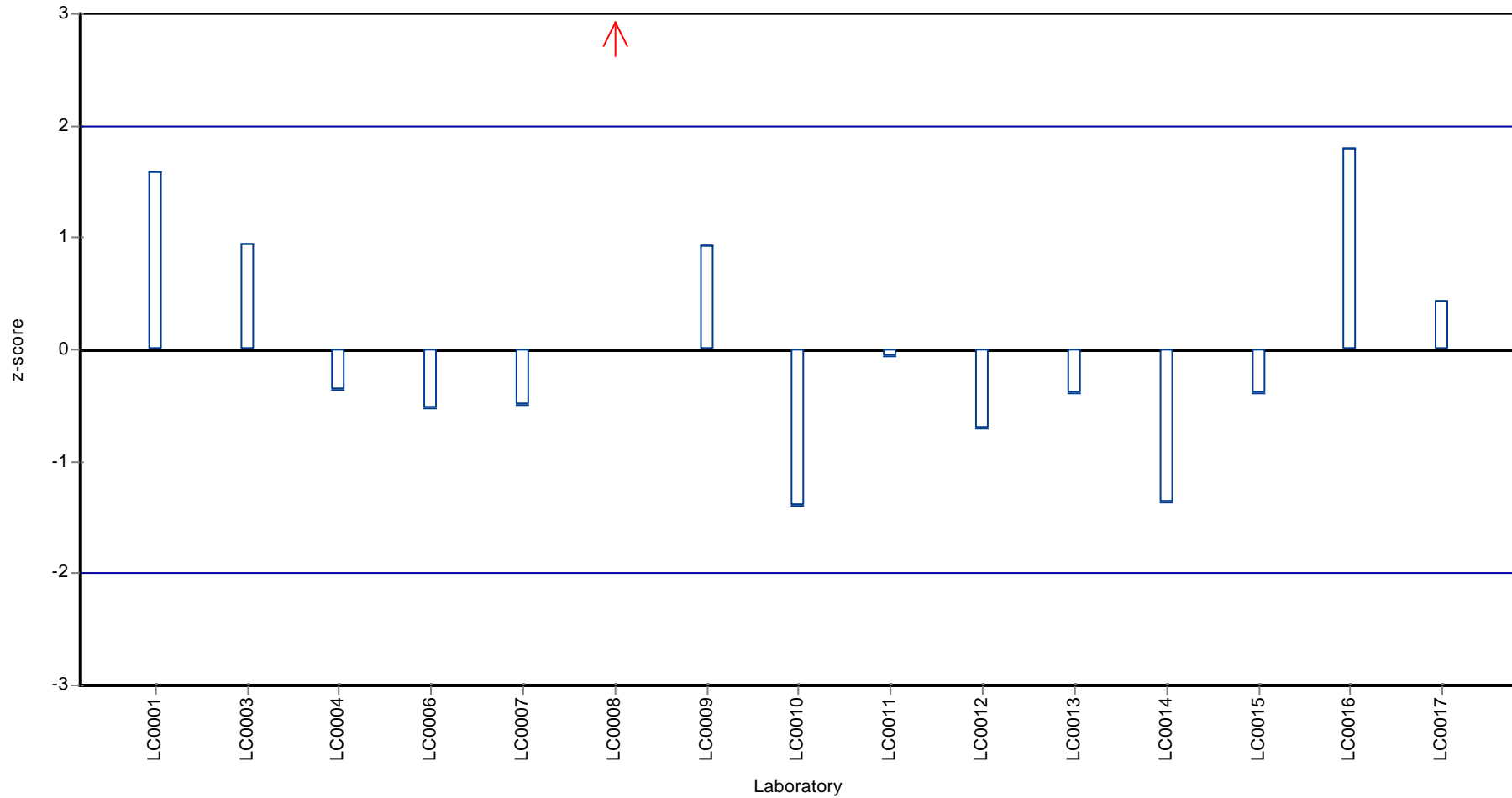
Results



Recovery rate



Z-score



Parameter oriented report

H93 A

Desisopropylatrazine

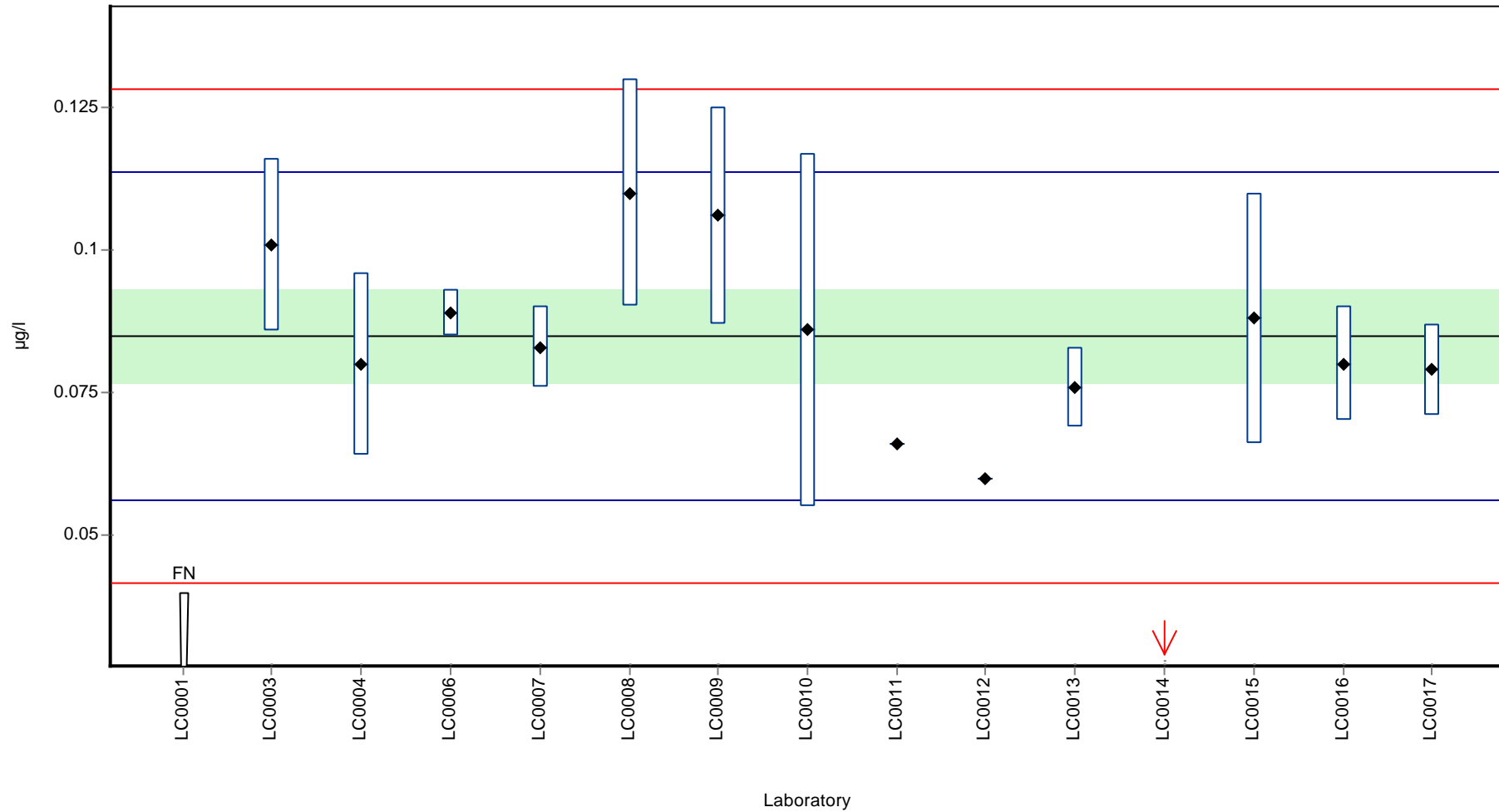
Unit	µg/l
Mean ± CI (99%)	0.0849 ± 0.012
Minimum - Maximum	0.06 - 0.11
Check value ± U	0.082 ± 0.0055

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	< 0.04 (LOQ)	-	-	-	FN
LC0002	-	-	-	-	
LC0003	0.101	0.0151	118.9	1.1	
LC0004	0.080	0.016	94.2	-0.3	
LC0005	-	-	-	-	
LC0006	0.089	0.004	104.8	0.3	
LC0007	0.083	0.0071	97.7	-0.1	
LC0008	0.110	0.020	129.5	1.7	
LC0009	0.106	0.019	124.8	1.5	
LC0010	0.086	0.031	101.3	0.1	
LC0011	0.066	-	77.7	-1.3	
LC0012	0.060	-	70.7	-1.7	
LC0013	0.0759	0.007	89.4	-0.6	
LC0014	< 0.02 (LOQ)	-	-	-	FN
LC0015	0.088	0.022	103.6	0.2	
LC0016	0.080	0.010	94.2	-0.3	
LC0017	0.079	0.008	93.0	-0.4	

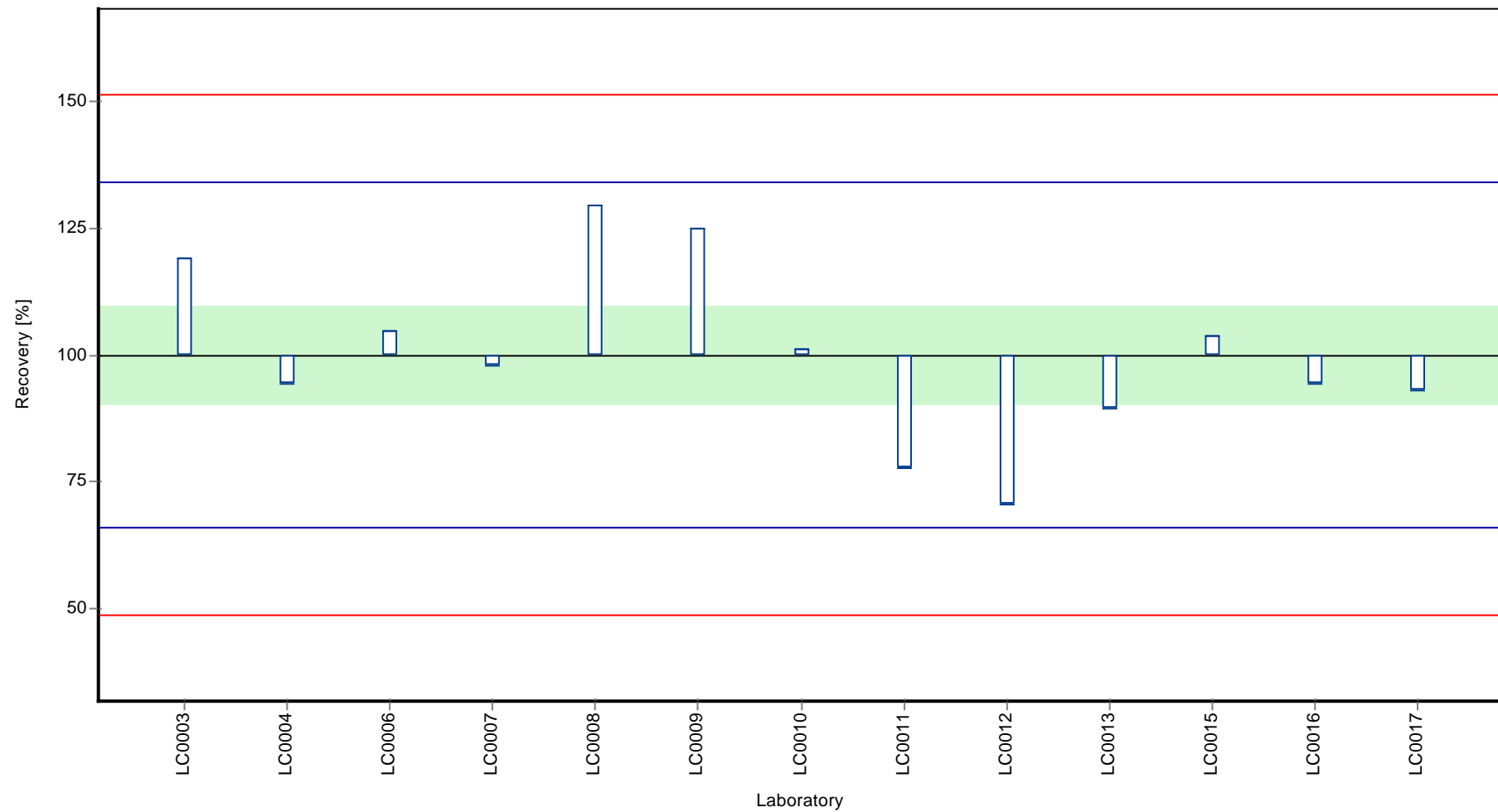
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.0849 ± 0.012	0.0849 ± 0.012	µg/l
Minimum	0.06	0.06	µg/l
Maximum	0.11	0.11	µg/l
Standard deviation	0.0145	0.0145	µg/l
rel. Standard deviation	17	17	%
n	13	13	-

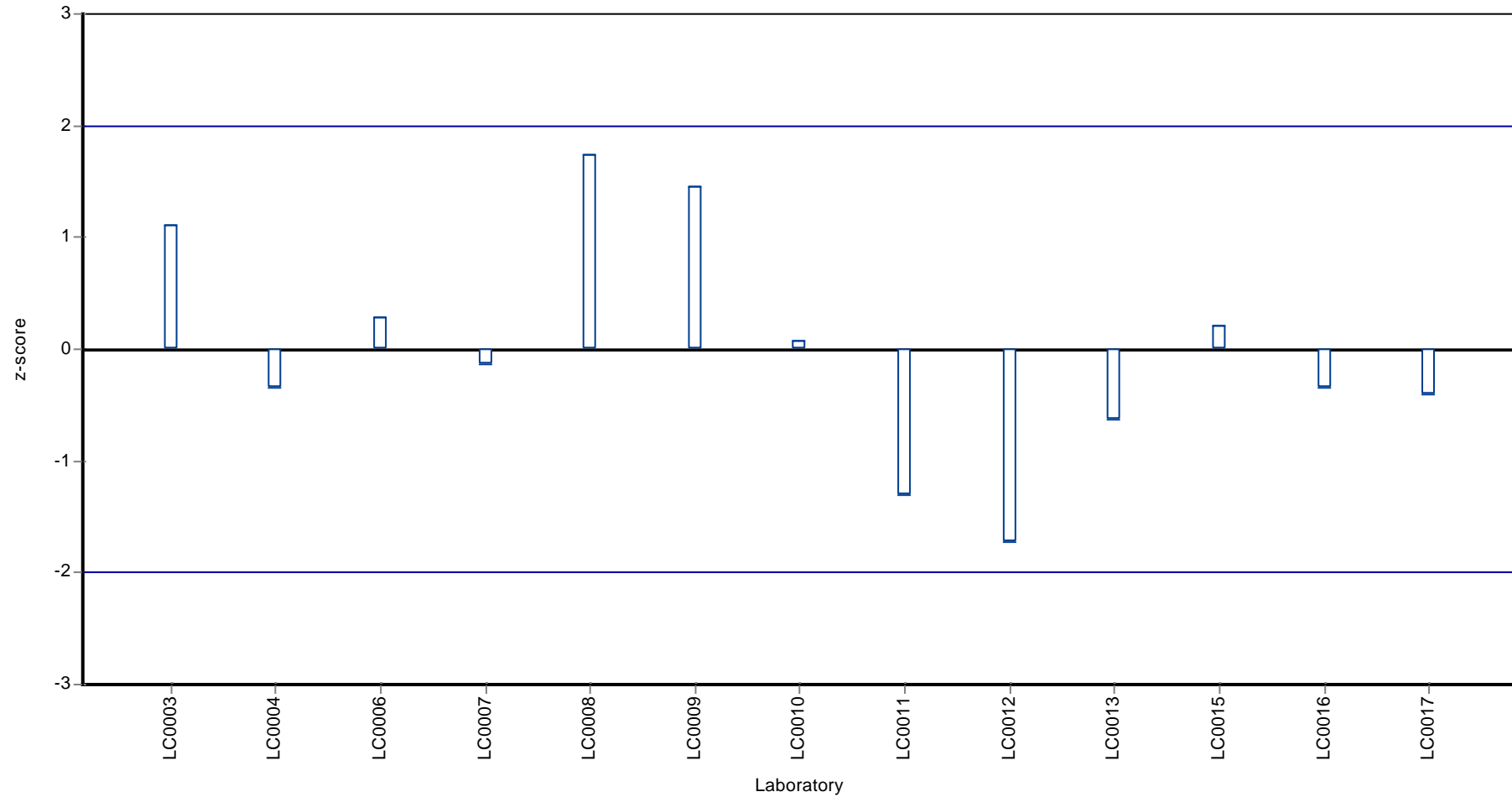
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H93 B

Desisopropylatrazine

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

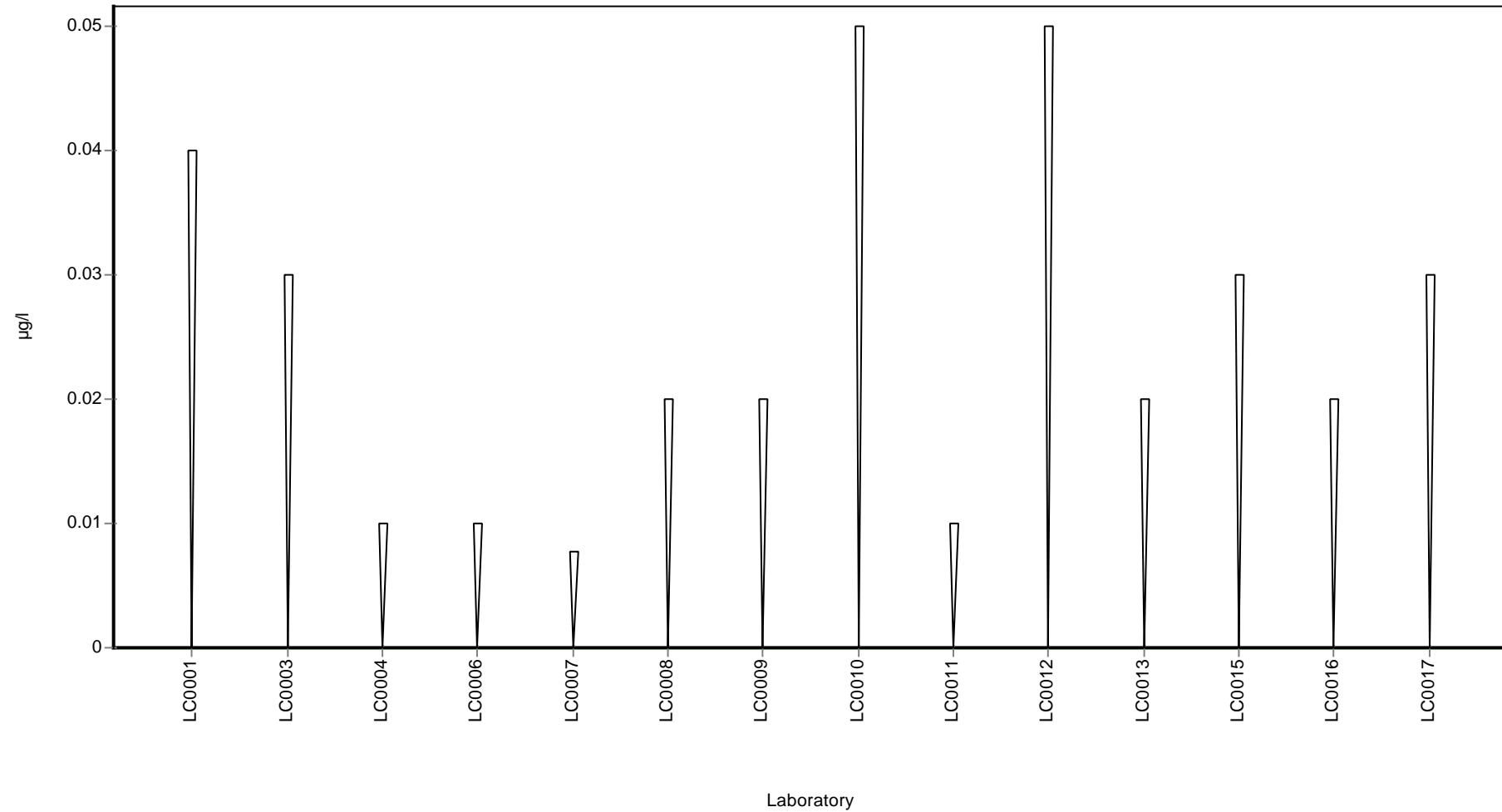
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	< 0.04 (LOQ)	-	-	-	
LC0002	-	-	-	-	
LC0003	< 0.03 (LOQ)	-	-	-	
LC0004	< 0.01 (LOQ)	-	-	-	
LC0005	-	-	-	-	
LC0006	< 0.01 (LOQ)	-	-	-	
LC0007	<0.0077 (LOD)	-	-	-	
LC0008	< 0.02 (LOQ)	-	-	-	
LC0009	< 0.02 (LOQ)	-	-	-	
LC0010	< 0.05 (LOQ)	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	< 0.05 (LOQ)	-	-	-	
LC0013	< 0.02 (LOQ)	-	-	-	
LC0014	-	-	-	-	
LC0015	< 0.03 (LOQ)	-	-	-	
LC0016	< 0.02 (LOQ)	-	-	-	
LC0017	< 0.03 (LOQ)	-	-	-	

Characteristics of parameter

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

Graphical presentation of results

Results



Parameter oriented report

H93 A

Dieldrin

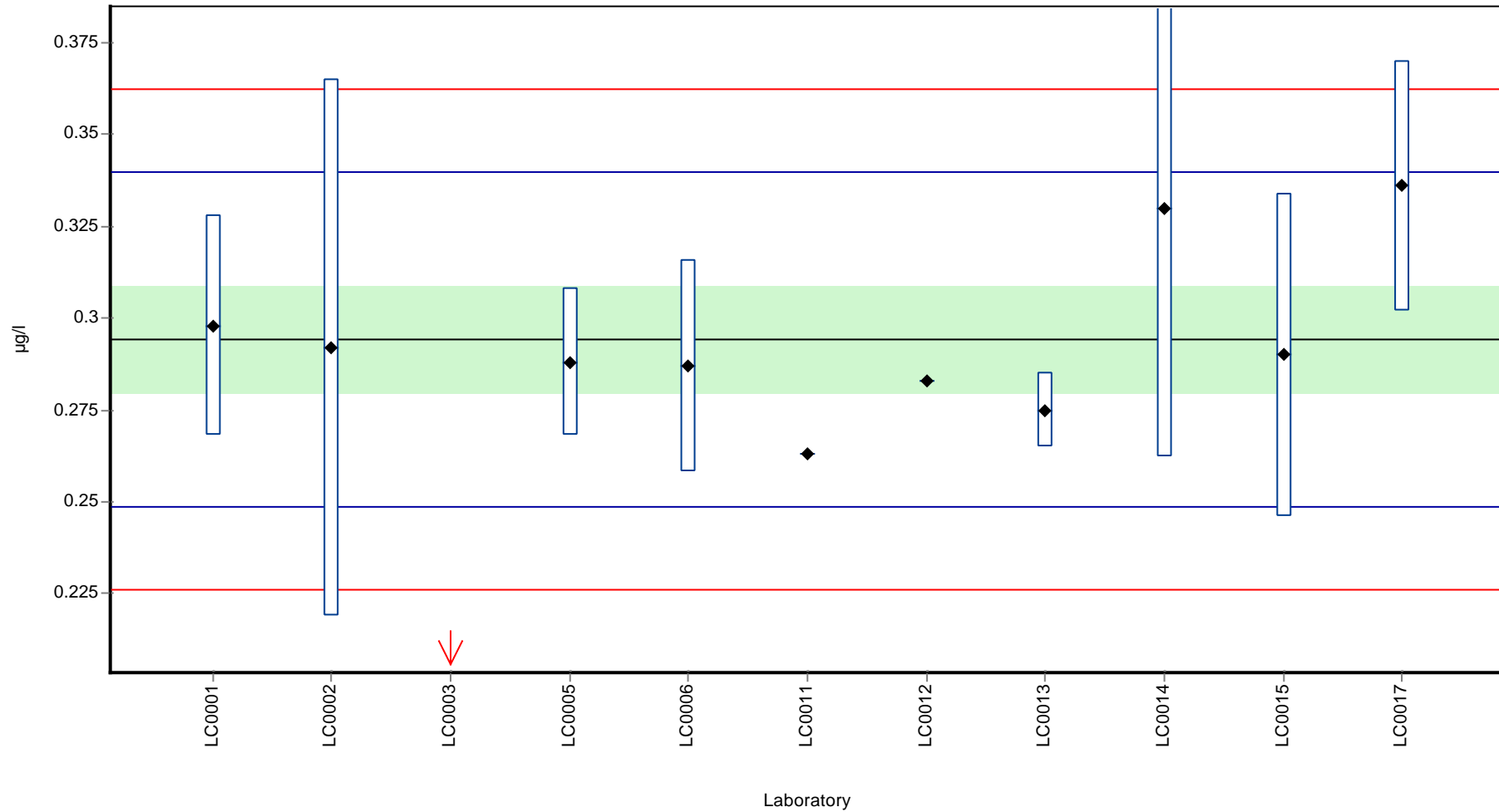
Unit	µg/l
Mean ± CI (99%)	0.294 ± 0.0215
Minimum - Maximum	0.263 - 0.336
Check value ± U	0.35 ± 0.05

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.298	0.030	101.3	0.2	
LC0002	0.292	0.073	99.3	-0.1	
LC0003	0.106	0.016	36.0	-8.3	H
LC0004	-	-	-	-	
LC0005	0.288	0.020	97.9	-0.3	
LC0006	0.287	0.029	97.6	-0.3	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.263	-	89.4	-1.4	
LC0012	0.283	-	96.2	-0.5	
LC0013	0.275	0.010	93.5	-0.8	
LC0014	0.330	0.068	112.2	1.6	
LC0015	0.290	0.044	98.6	-0.2	
LC0016	-	-	-	-	
LC0017	0.336	0.034	114.2	1.8	

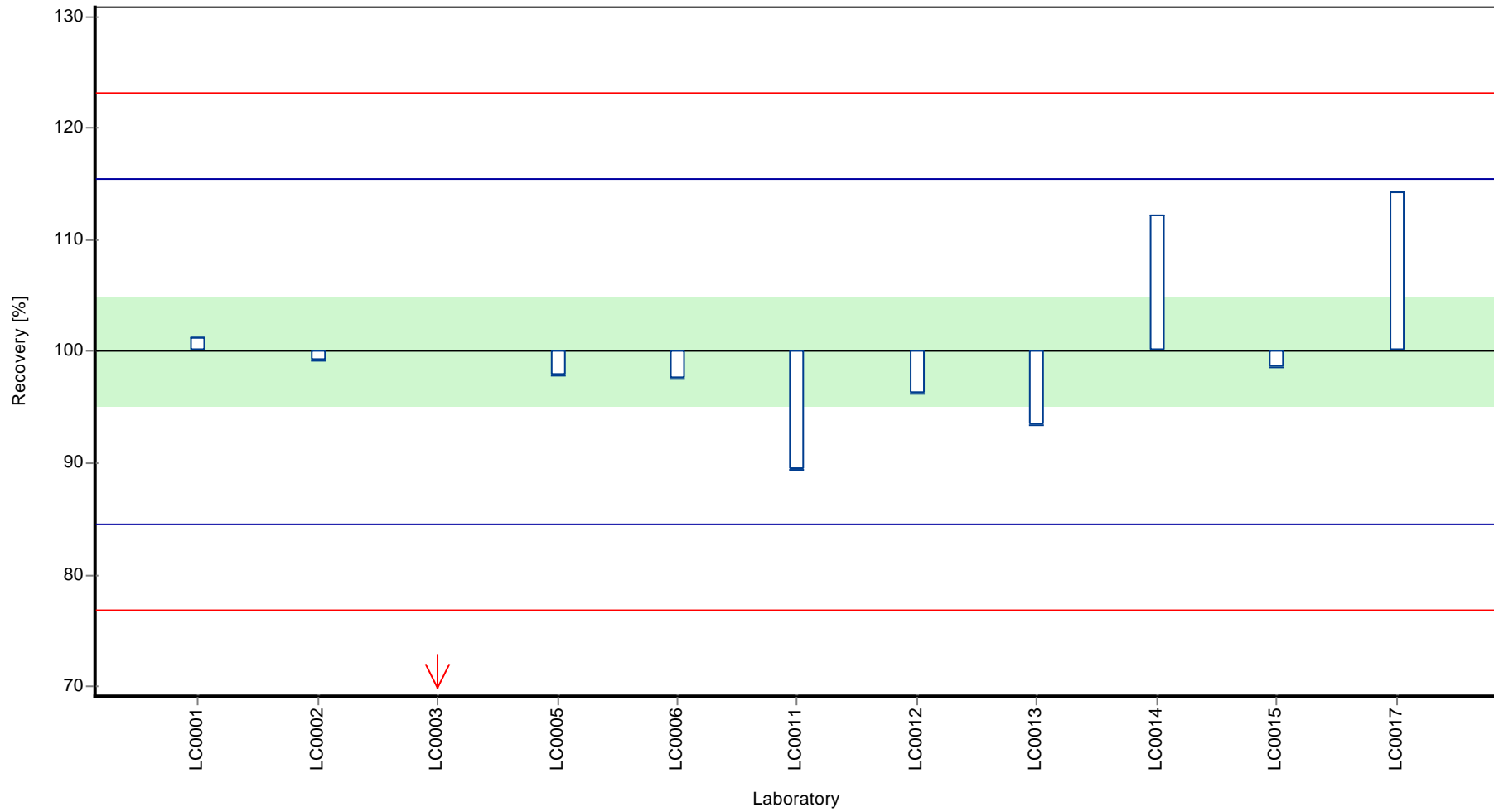
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.277 ± 0.0549	0.294 ± 0.0215	µg/l
Minimum	0.106	0.263	µg/l
Maximum	0.336	0.336	µg/l
Standard deviation	0.0607	0.0227	µg/l
rel. Standard deviation	21.9	7.7	%
n	11	10	-

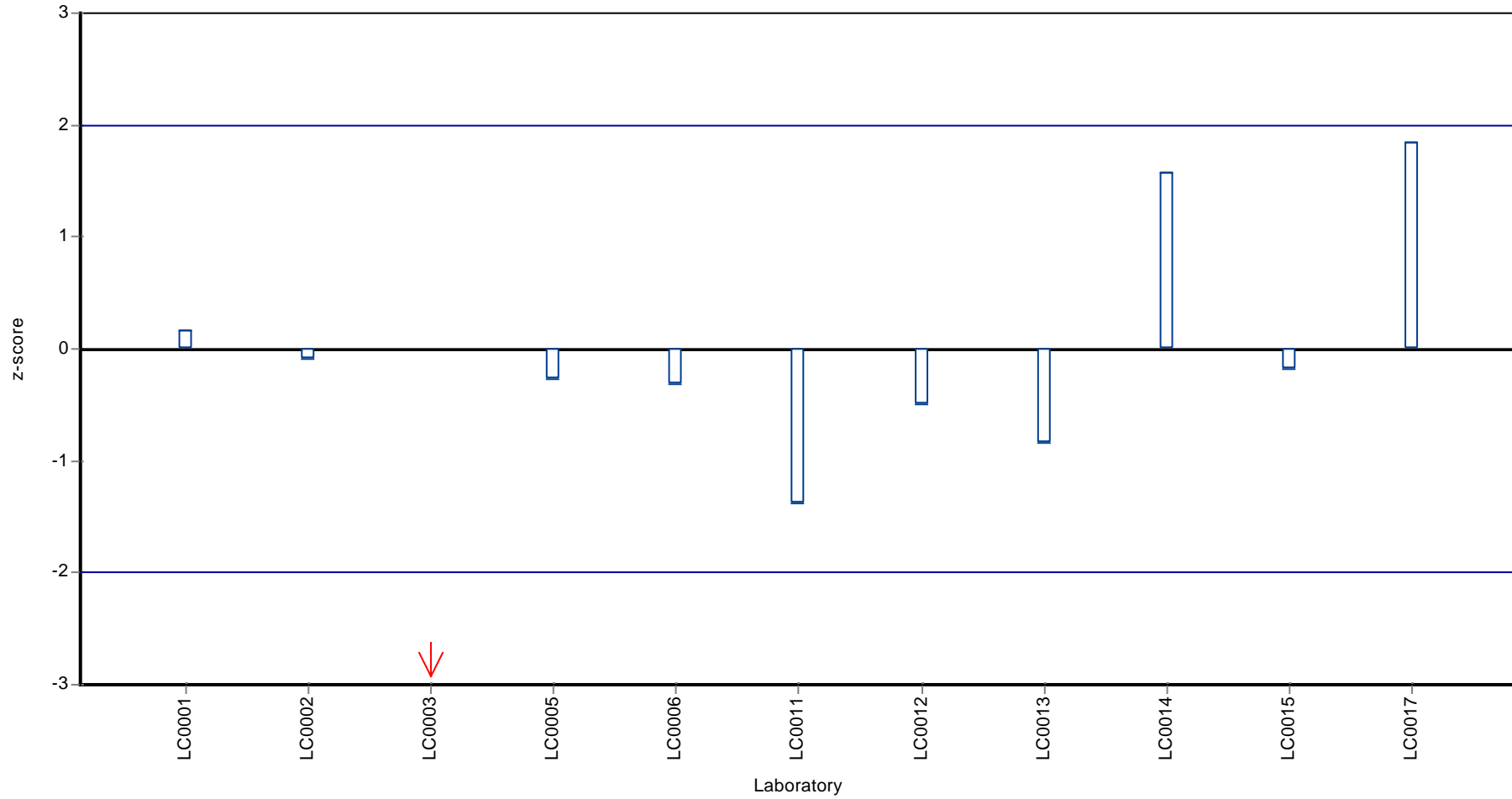
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H93 B

Dieldrin

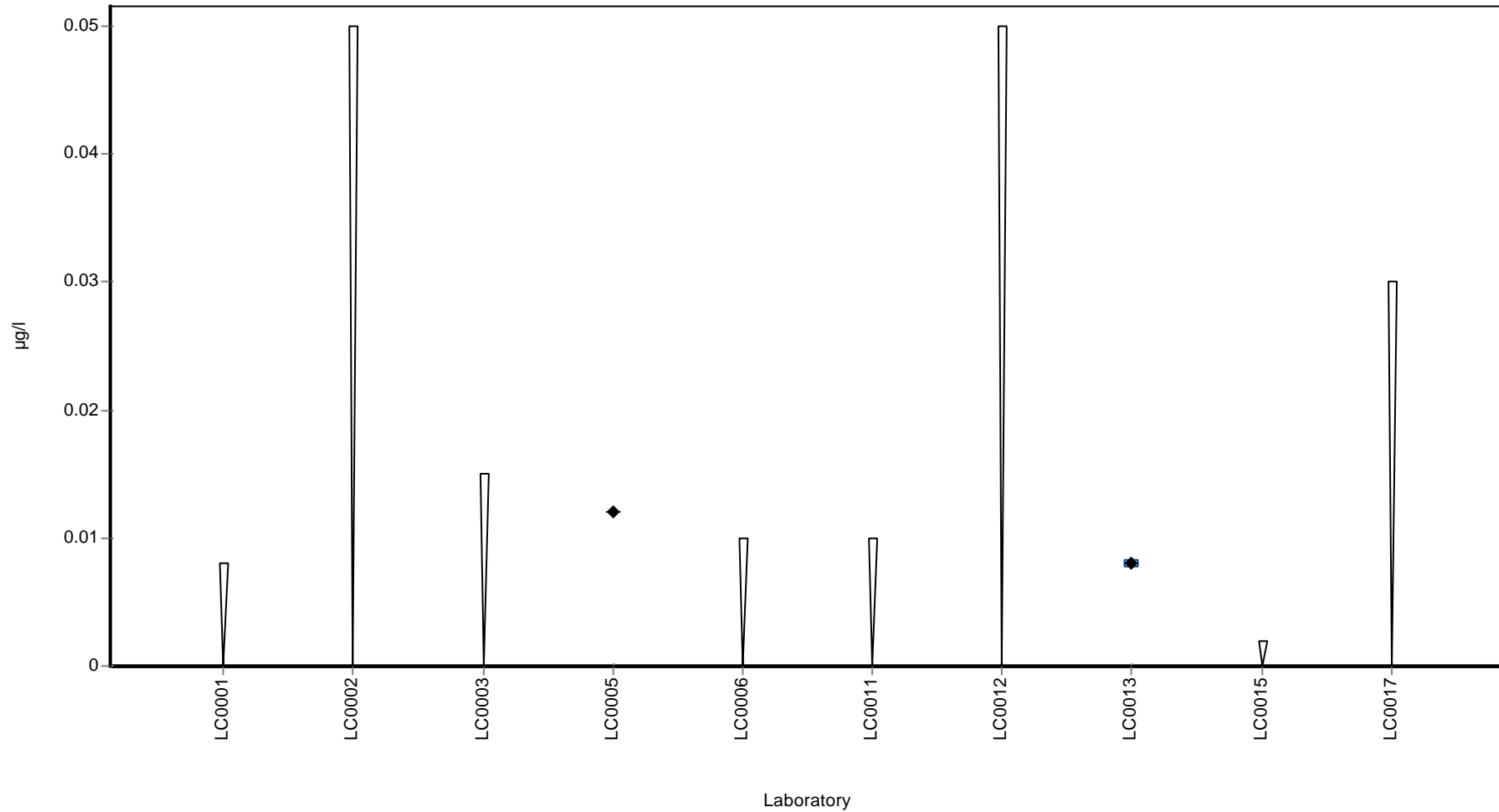
Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.008 - 0.012
Check value ± U	< 0.04 (LOD)

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	< 0.008 (LOQ)	-	-	-	
LC0002	< 0.05 (LOQ)	-	-	-	
LC0003	< 0.015 (LOQ)	-	-	-	
LC0004	-	-	-	-	
LC0005	0.012	0.0001	-	-	
LC0006	< 0.01 (LOQ)	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	< 0.05 (LOQ)	-	-	-	
LC0013	0.008	0.0003	-	-	
LC0014	-	-	-	-	
LC0015	< 0.002 (LOQ)	-	-	-	
LC0016	-	-	-	-	
LC0017	< 0.03 (LOQ)	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.01 ± 0.006	-	µg/l
Minimum	0.008	0.008	µg/l
Maximum	0.012	0.012	µg/l
Standard deviation	0.00283	-	µg/l
rel. Standard deviation	28.3	-	%
n	2	2	-

Graphical presentation of results
Results



Parameter oriented report

H93 A

Dinotefurane

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.385 - 0.385
Check value ± U	0.48 ± 0.0066

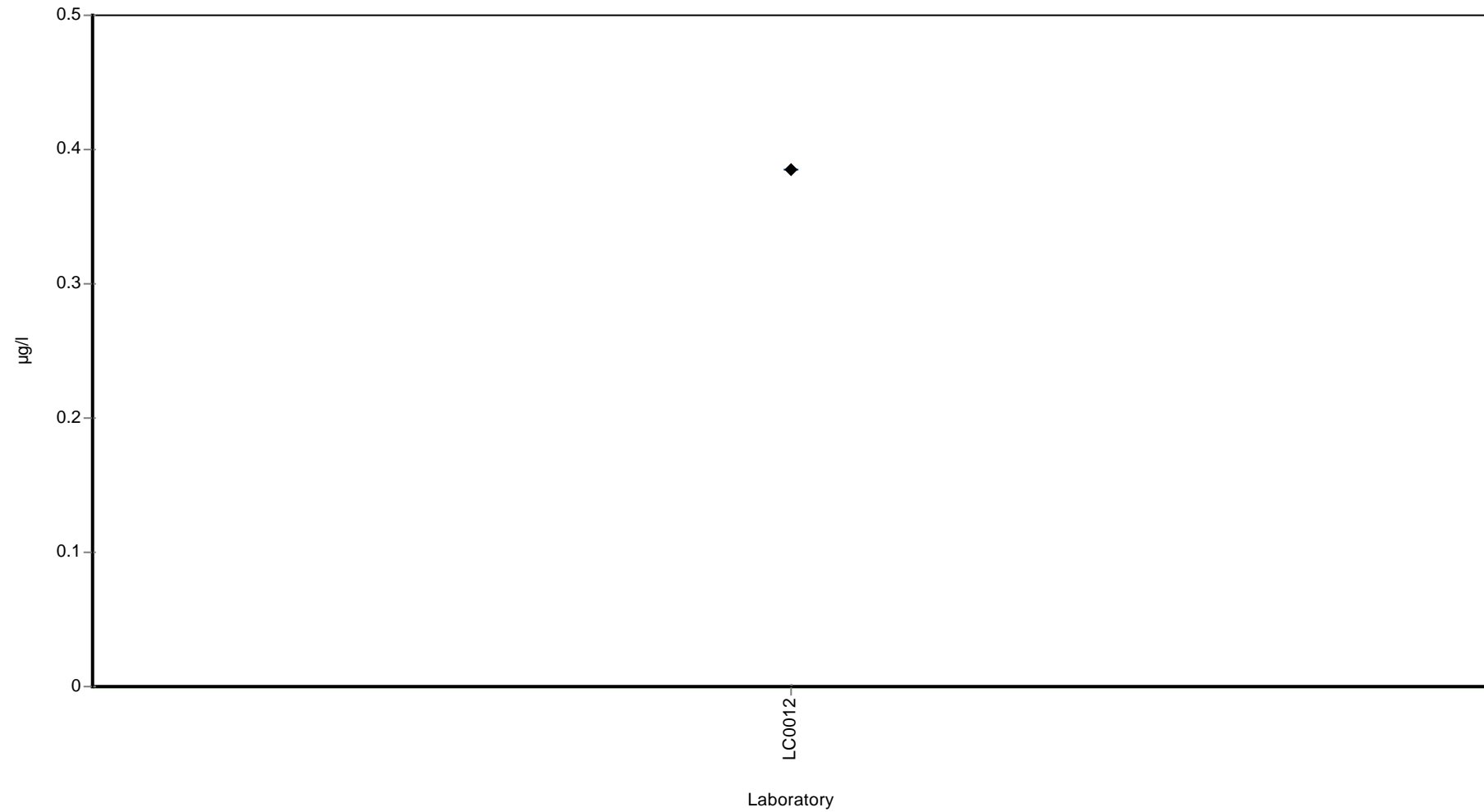
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.385	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.385	-	µg/l
Minimum	0.385	0.385	µg/l
Maximum	0.385	0.385	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	1	1	-

Graphical presentation of results

Results



Parameter oriented report

H93 B

Dinotefurane

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.204 - 0.204
Check value ± U	0.28 ± 0.003

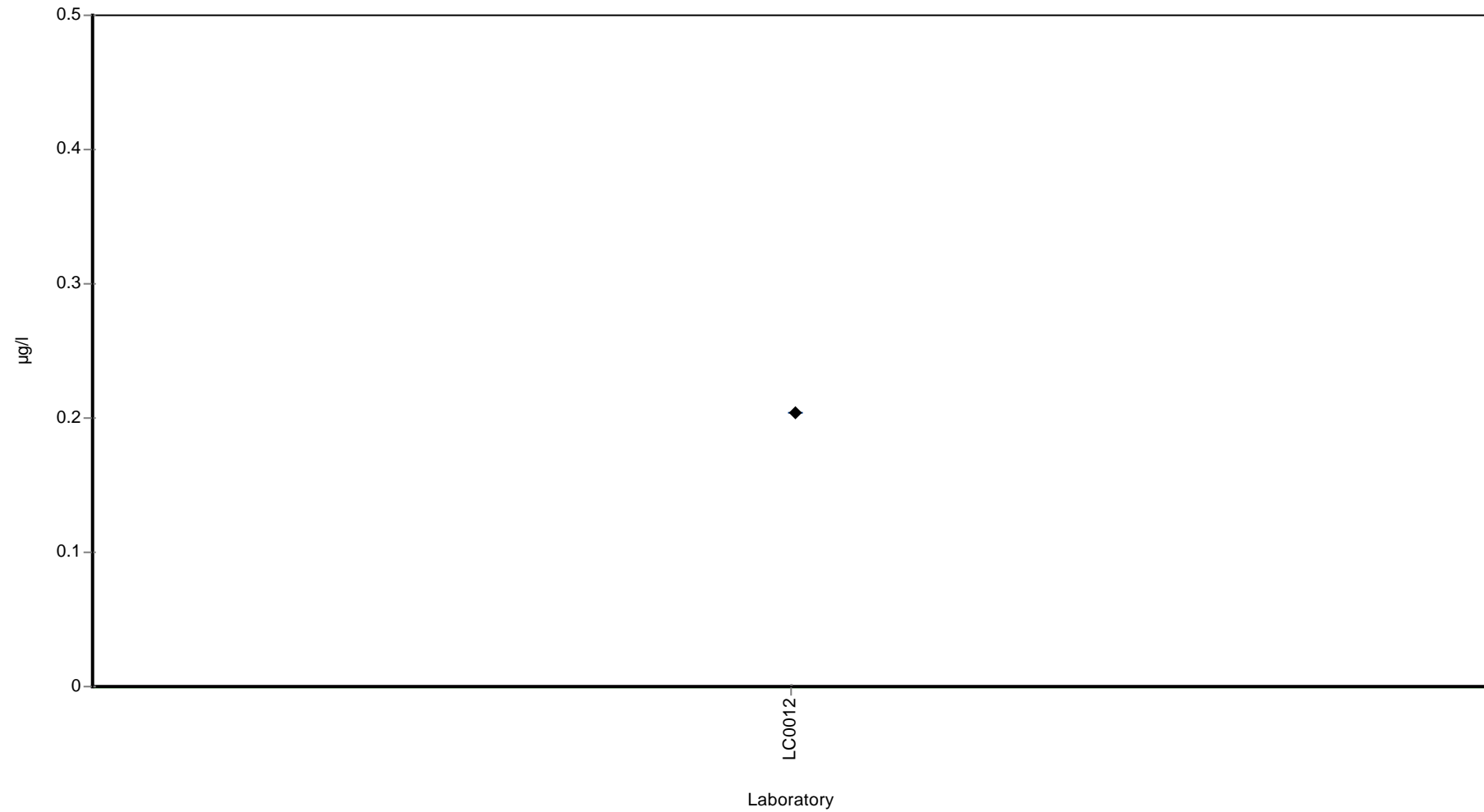
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.204	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.204	-	µg/l
Minimum	0.204	0.204	µg/l
Maximum	0.204	0.204	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	1	1	-

Graphical presentation of results

Results



Parameter oriented report

H93 A

Endrin

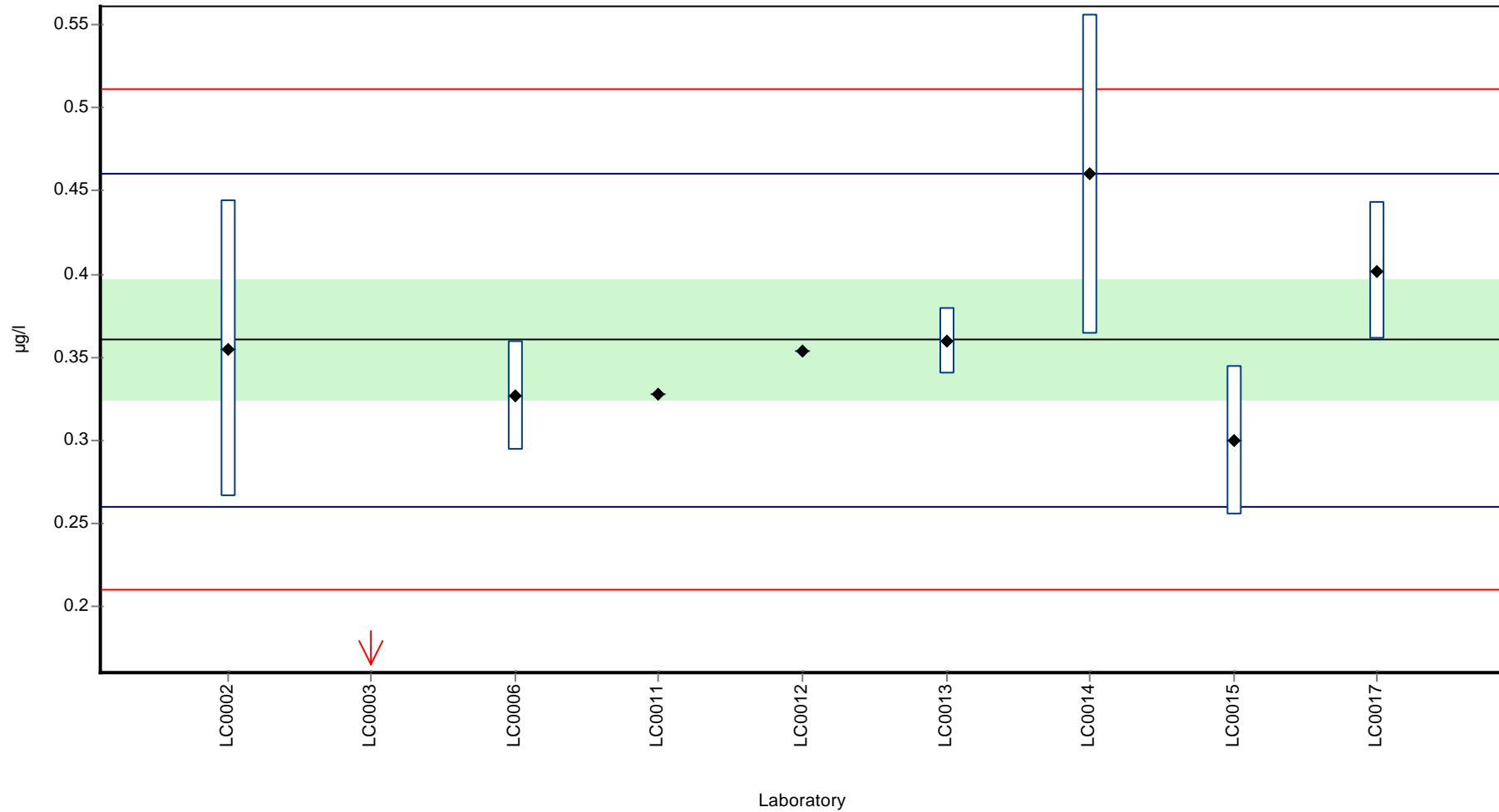
Unit	µg/l
Mean ± CI (99%)	0.361 ± 0.0531
Minimum - Maximum	0.3 - 0.46
Check value ± U	0.42 ± 0.061

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.355	0.089	98.4	-0.1	
LC0003	0.0925	0.014	25.6	-5.4	H
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	0.327	0.033	90.6	-0.7	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.328	-	90.9	-0.7	
LC0012	0.354	-	98.1	-0.1	
LC0013	0.360	0.020	99.8	0.0	
LC0014	0.460	0.096	127.5	2.0	
LC0015	0.300	0.045	83.2	-1.2	
LC0016	-	-	-	-	
LC0017	0.402	0.041	111.4	0.8	

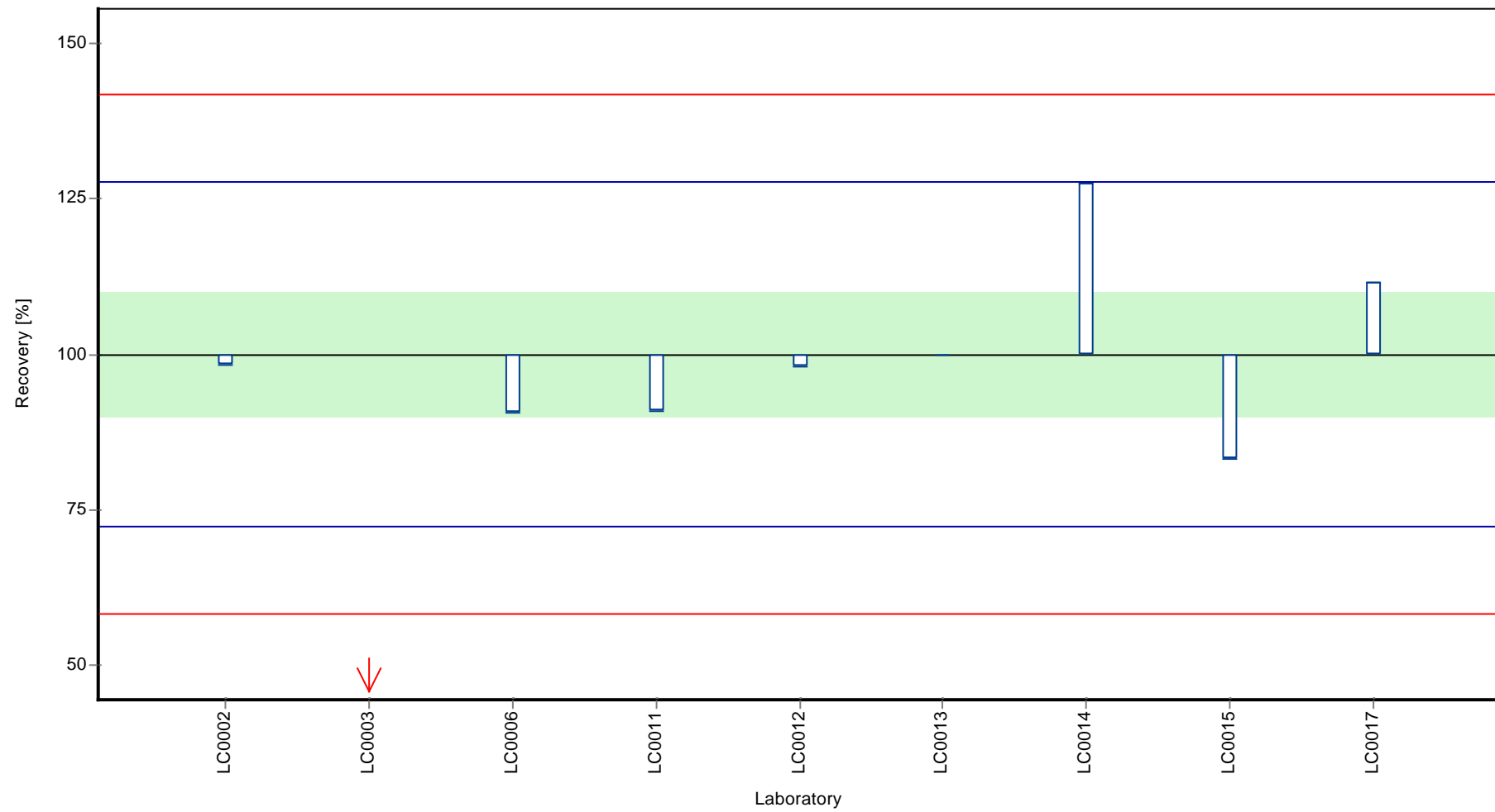
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.331 ± 0.101	0.361 ± 0.0531	µg/l
Minimum	0.0925	0.3	µg/l
Maximum	0.46	0.46	µg/l
Standard deviation	0.101	0.05	µg/l
rel. Standard deviation	30.5	13.9 %	
n	9	8	-

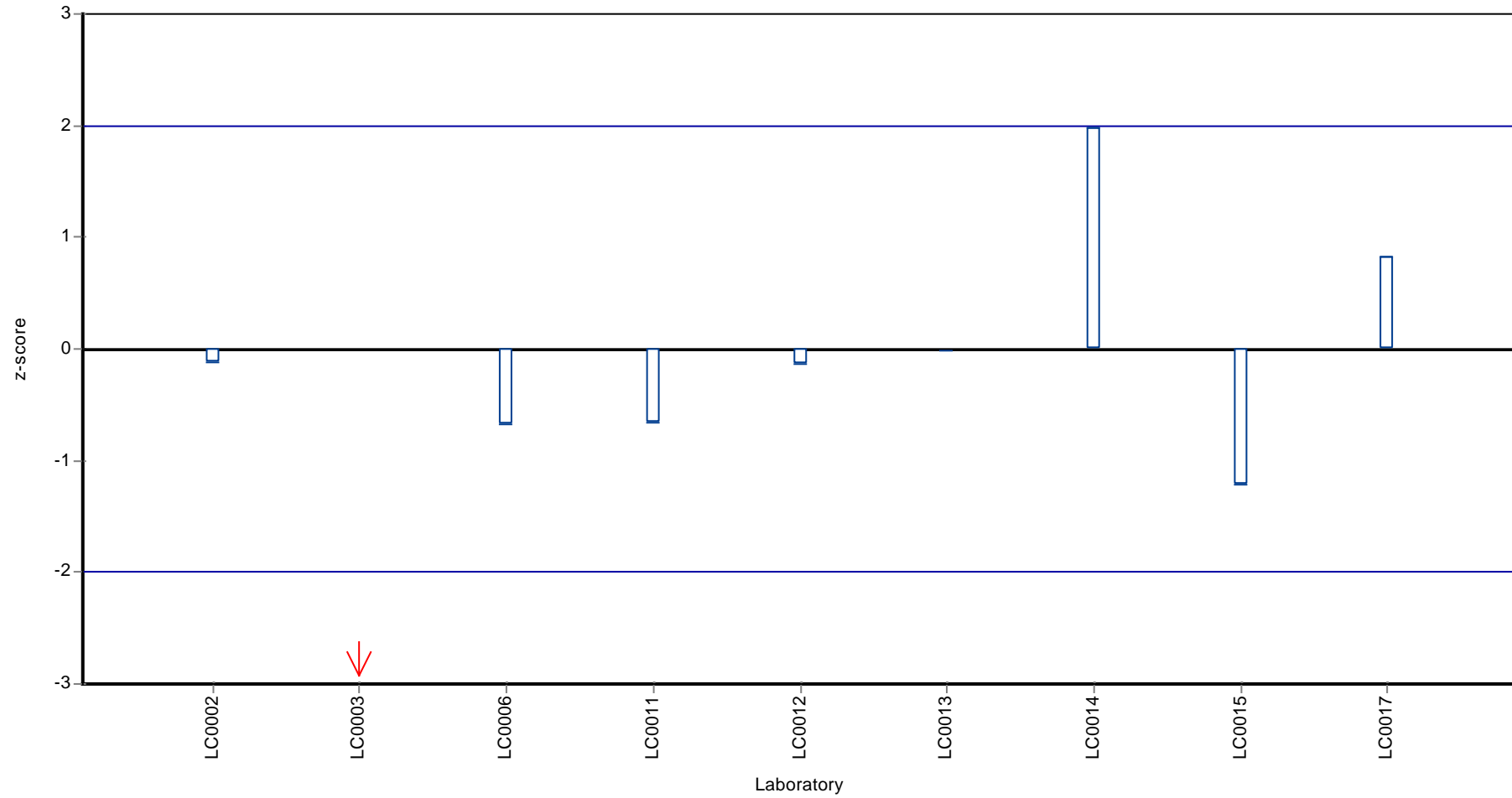
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H93 B

Endrin

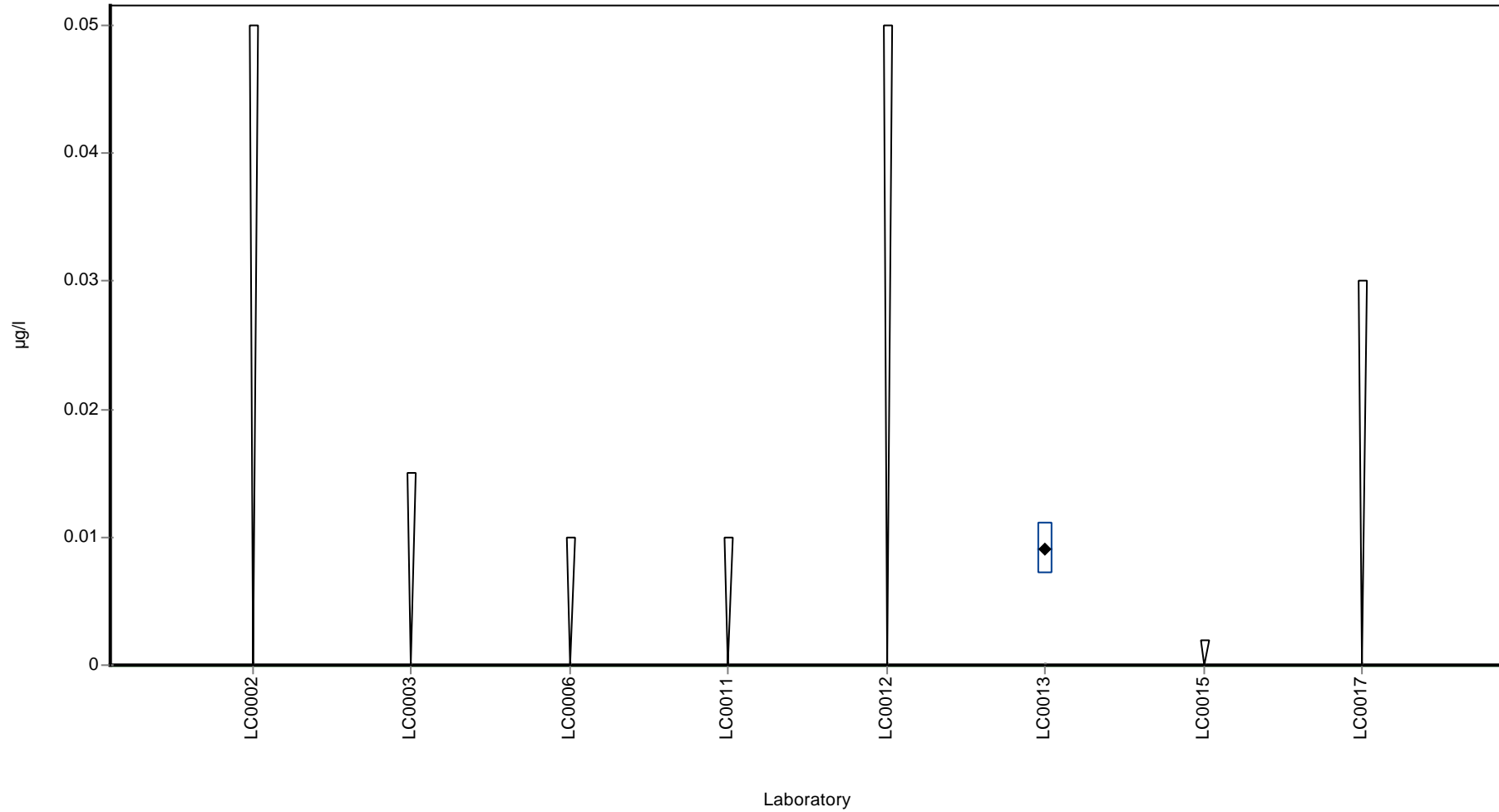
Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.0091 - 0.0091
Check value ± U	< 0.04 (NG)

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	< 0.05 (LOQ)	-	-	-	
LC0003	< 0.015 (LOQ)	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	< 0.01 (LOQ)	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	< 0.05 (LOQ)	-	-	-	
LC0013	0.0091	0.002	-	-	
LC0014	-	-	-	-	
LC0015	< 0.002 (LOQ)	-	-	-	
LC0016	-	-	-	-	
LC0017	< 0.03 (LOQ)	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.0091	-	µg/l
Minimum	0.0091	0.0091	µg/l
Maximum	0.0091	0.0091	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	1	1	-

Graphical presentation of results
Results



Parameter oriented report

H93 A

Gamma-HCH

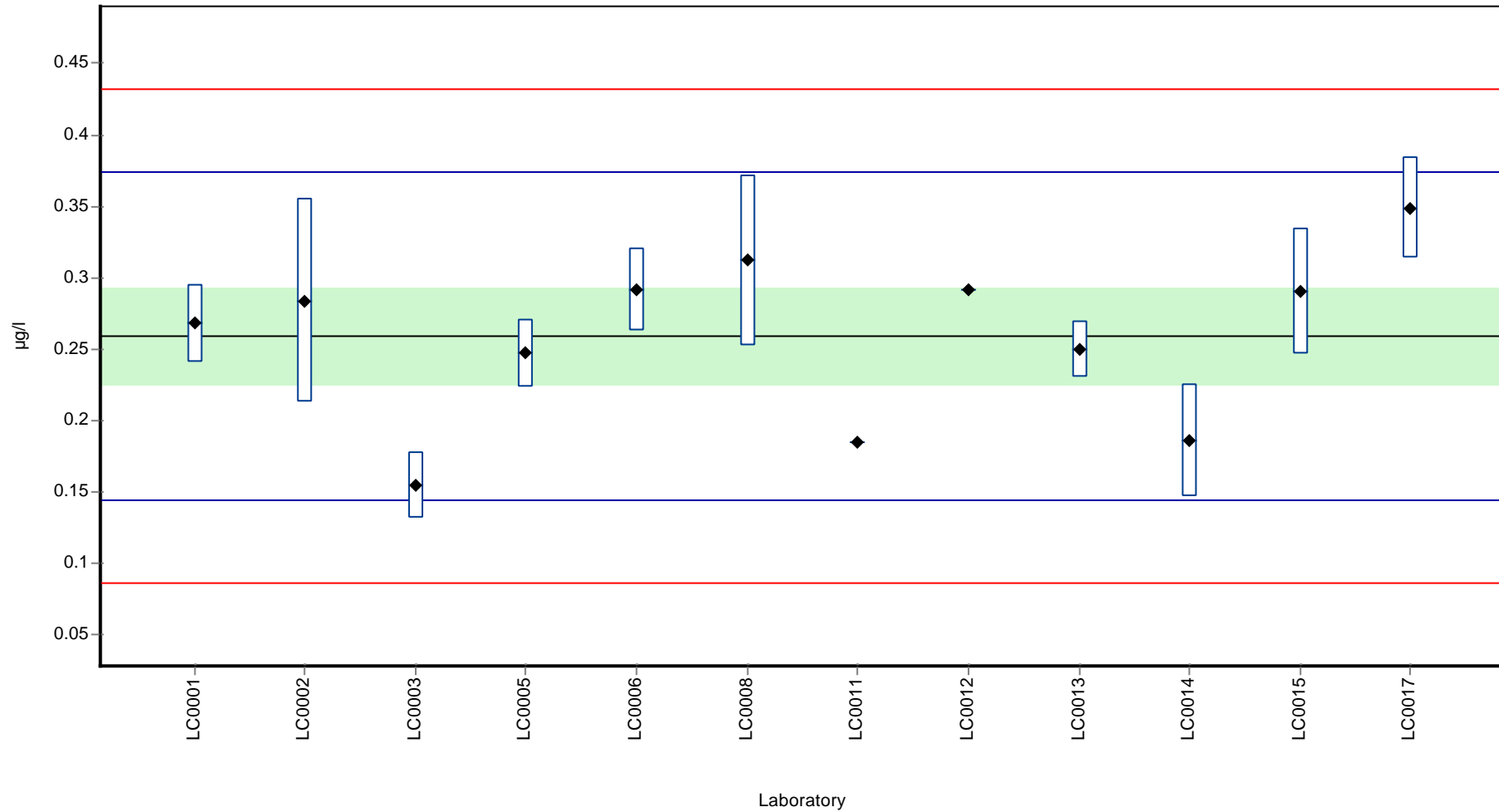
Unit	µg/l
Mean ± CI (99%)	0.259 ± 0.05
Minimum - Maximum	0.155 - 0.349
Check value ± U	0.30 ± 0.007

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.268	0.027	103.4	0.2	
LC0002	0.284	0.071	109.6	0.4	
LC0003	0.155	0.0233	59.8	-1.8	
LC0004	-	-	-	-	
LC0005	0.247	0.024	95.3	-0.2	
LC0006	0.292	0.029	112.7	0.6	
LC0007	-	-	-	-	
LC0008	0.312	0.060	120.4	0.9	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.185	-	71.4	-1.3	
LC0012	0.292	-	112.7	0.6	
LC0013	0.250	0.020	96.5	-0.2	
LC0014	0.186	0.039	71.8	-1.3	
LC0015	0.290	0.044	111.9	0.5	
LC0016	-	-	-	-	
LC0017	0.349	0.035	134.7	1.6	

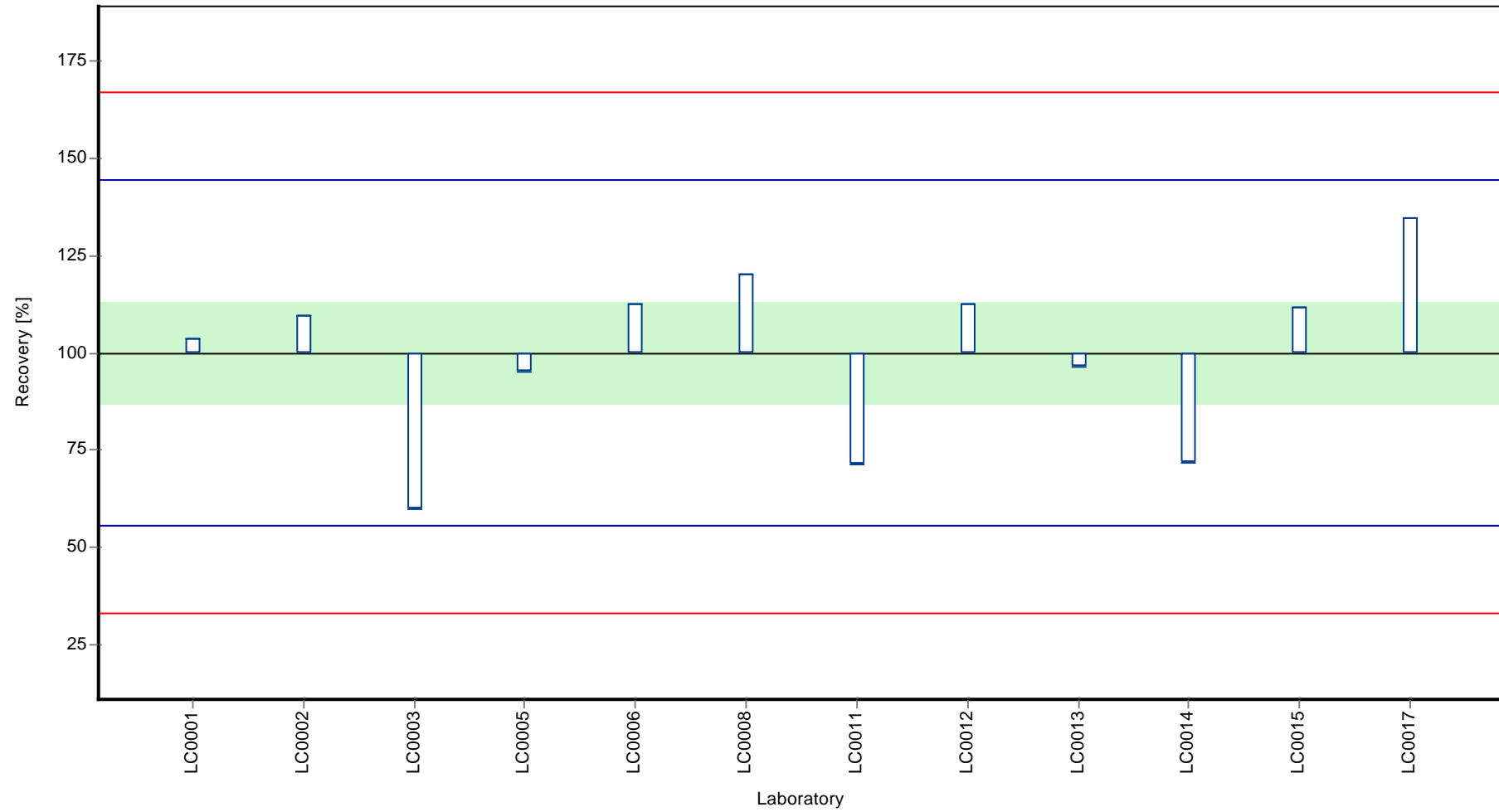
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.259 ± 0.05	0.259 ± 0.05	µg/l
Minimum	0.155	0.155	µg/l
Maximum	0.349	0.349	µg/l
Standard deviation	0.0577	0.0577	µg/l
rel. Standard deviation	22.3	22.3	%
n	12	12	-

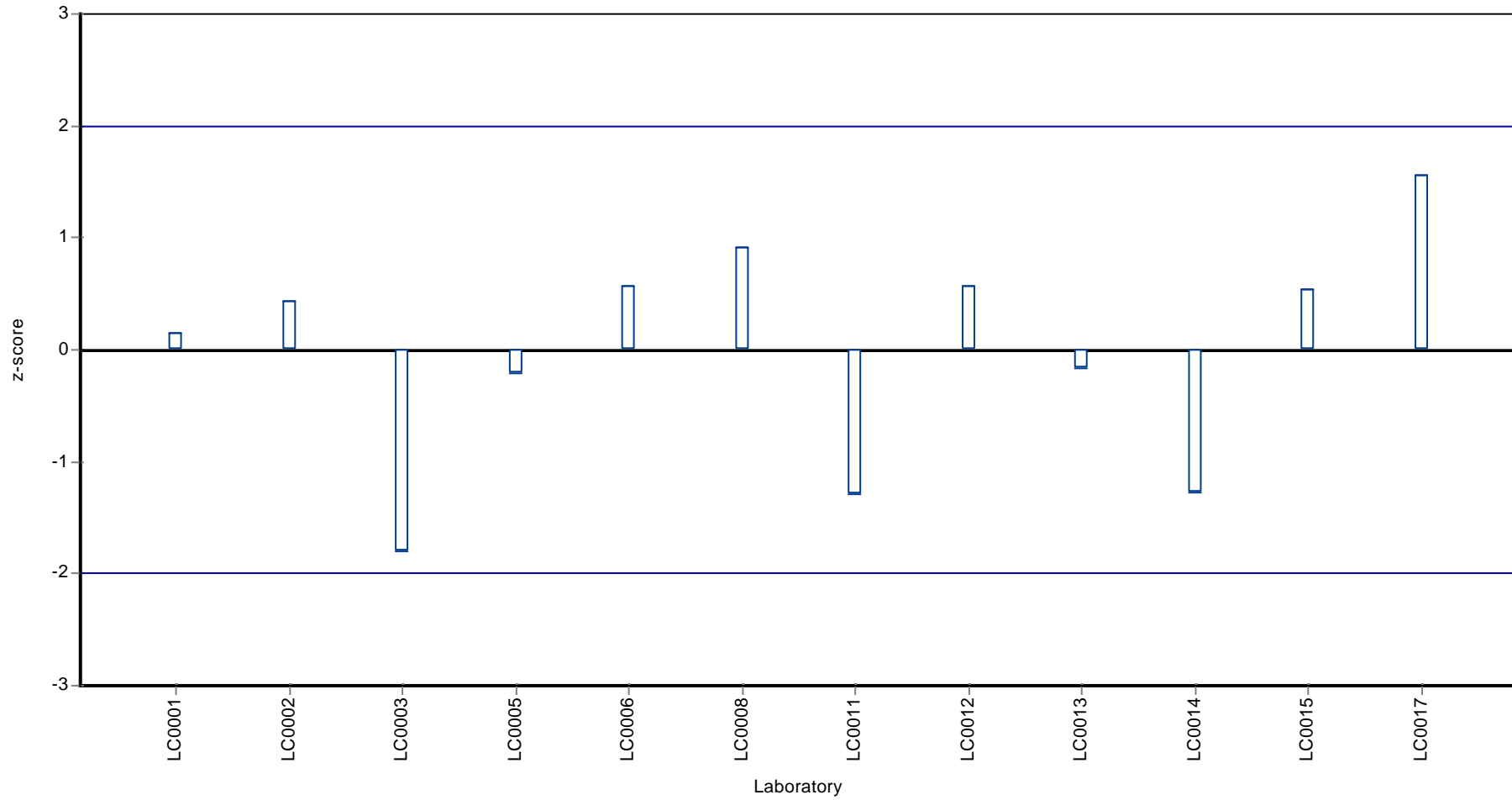
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H93 B

Gamma-HCH

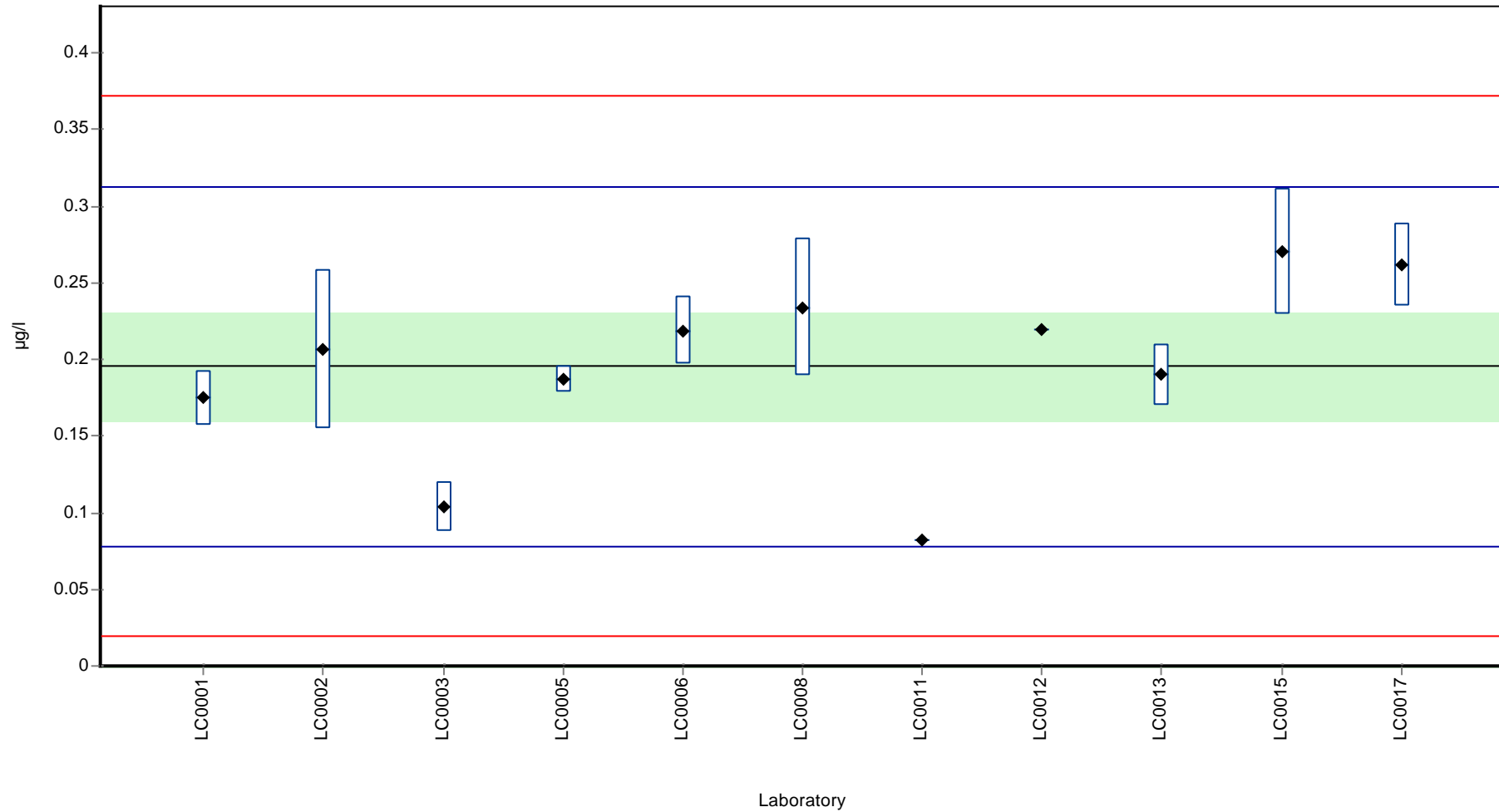
Unit	µg/l
Mean ± CI (99%)	0.195 ± 0.0531
Minimum - Maximum	0.082 - 0.27
Check value ± U	0.22 ± 0.0065

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.175	0.018	89.5	-0.3	
LC0002	0.207	0.052	105.9	0.2	
LC0003	0.104	0.016	53.2	-1.6	
LC0004	-	-	-	-	
LC0005	0.187	0.009	95.7	-0.1	
LC0006	0.219	0.022	112.0	0.4	
LC0007	-	-	-	-	
LC0008	0.234	0.045	119.7	0.7	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.082	-	42.0	-1.9	
LC0012	0.220	-	112.6	0.4	
LC0013	0.190	0.020	97.2	-0.1	
LC0014	-	-	-	-	
LC0015	0.270	0.041	138.1	1.3	
LC0016	-	-	-	-	
LC0017	0.262	0.027	134.0	1.1	

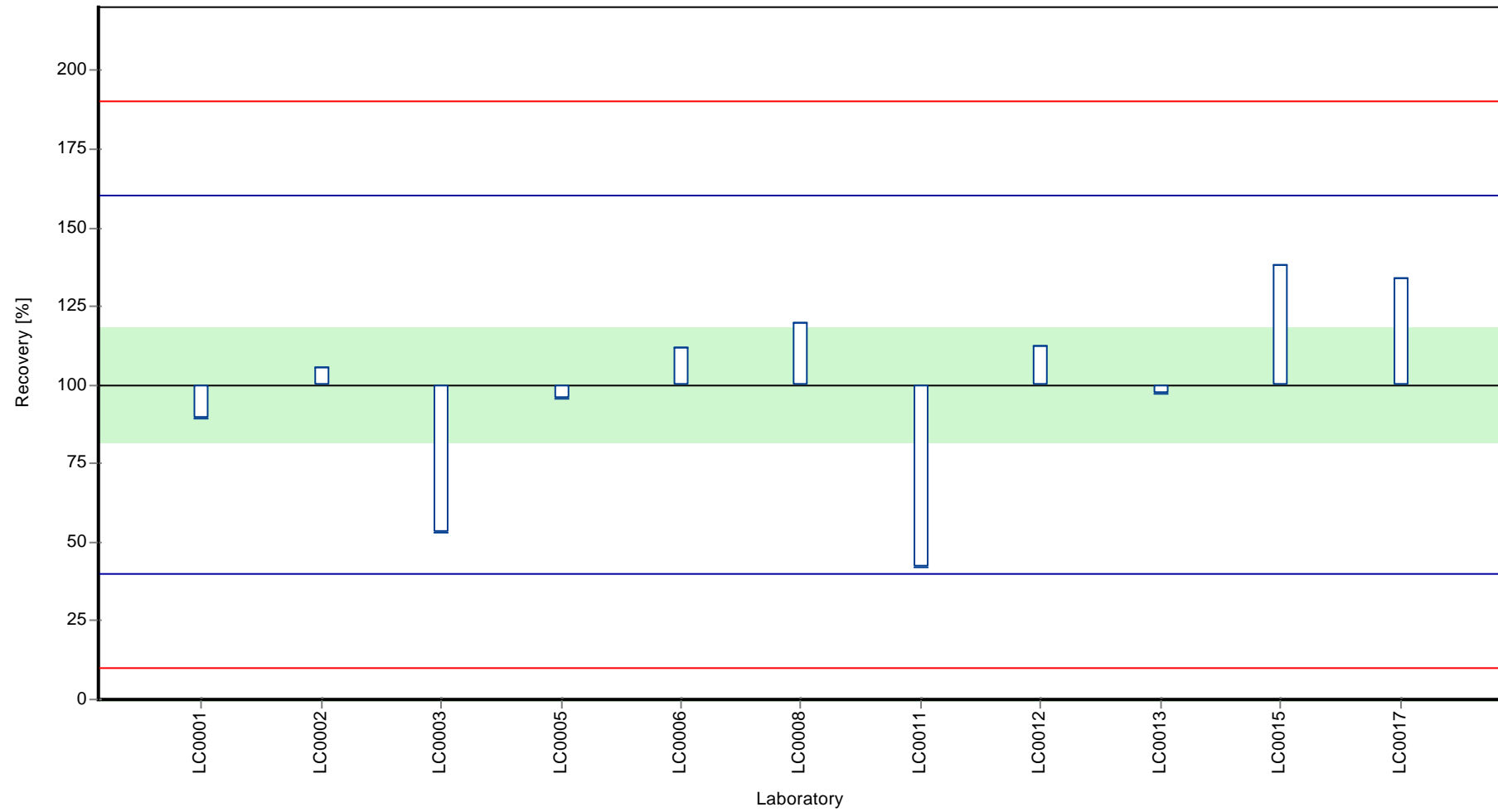
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.195 ± 0.0531	0.195 ± 0.0531	µg/l
Minimum	0.082	0.082	µg/l
Maximum	0.27	0.27	µg/l
Standard deviation	0.0588	0.0588	µg/l
rel. Standard deviation	30.1	30.1	%
n	11	11	-

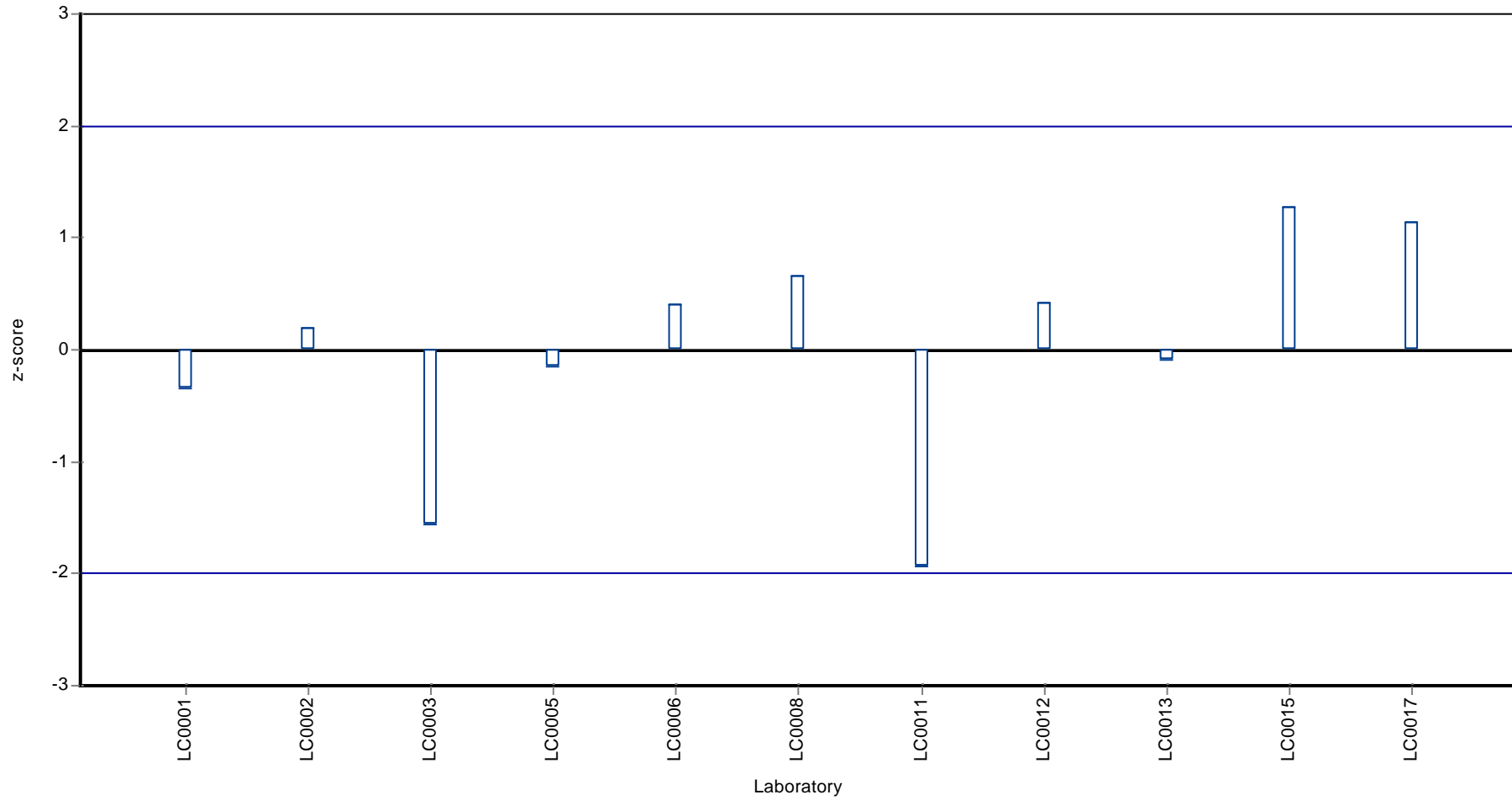
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H93 A

Heptachlor

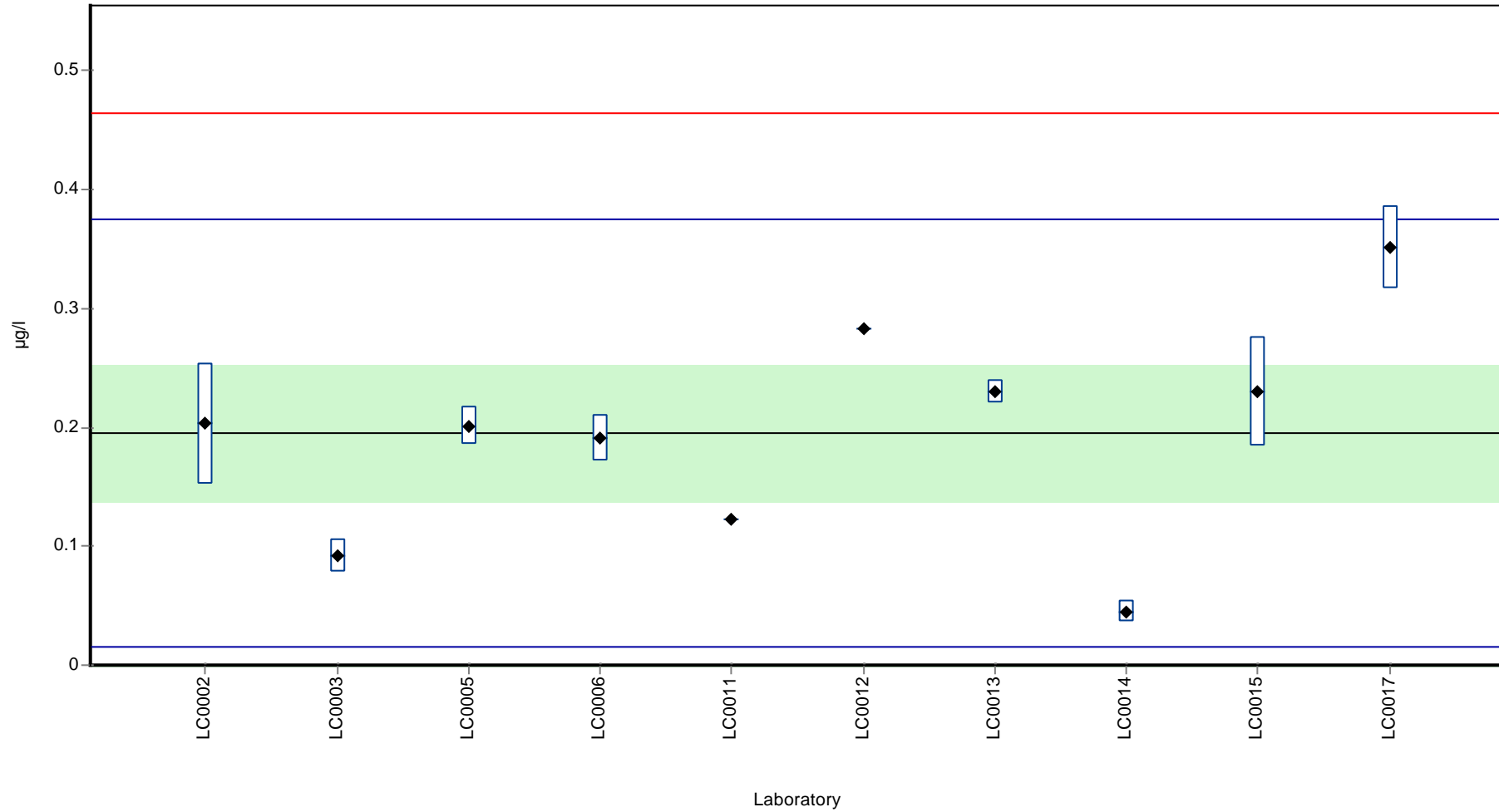
Unit	µg/l
Mean ± CI (99%)	0.195 ± 0.0854
Minimum - Maximum	0.045 - 0.351
Check value ± U	0.21 ± 0.027

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.203	0.051	104.2	0.1	
LC0003	0.092	0.0138	47.2	-1.1	
LC0004	-	-	-	-	
LC0005	0.201	0.016	103.1	0.1	
LC0006	0.191	0.019	98.0	0.0	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.123	-	63.1	-0.8	
LC0012	0.283	-	145.2	1.0	
LC0013	0.230	0.010	118.0	0.4	
LC0014	0.045	0.009	23.1	-1.7	
LC0015	0.230	0.046	118.0	0.4	
LC0016	-	-	-	-	
LC0017	0.351	0.035	180.1	1.7	

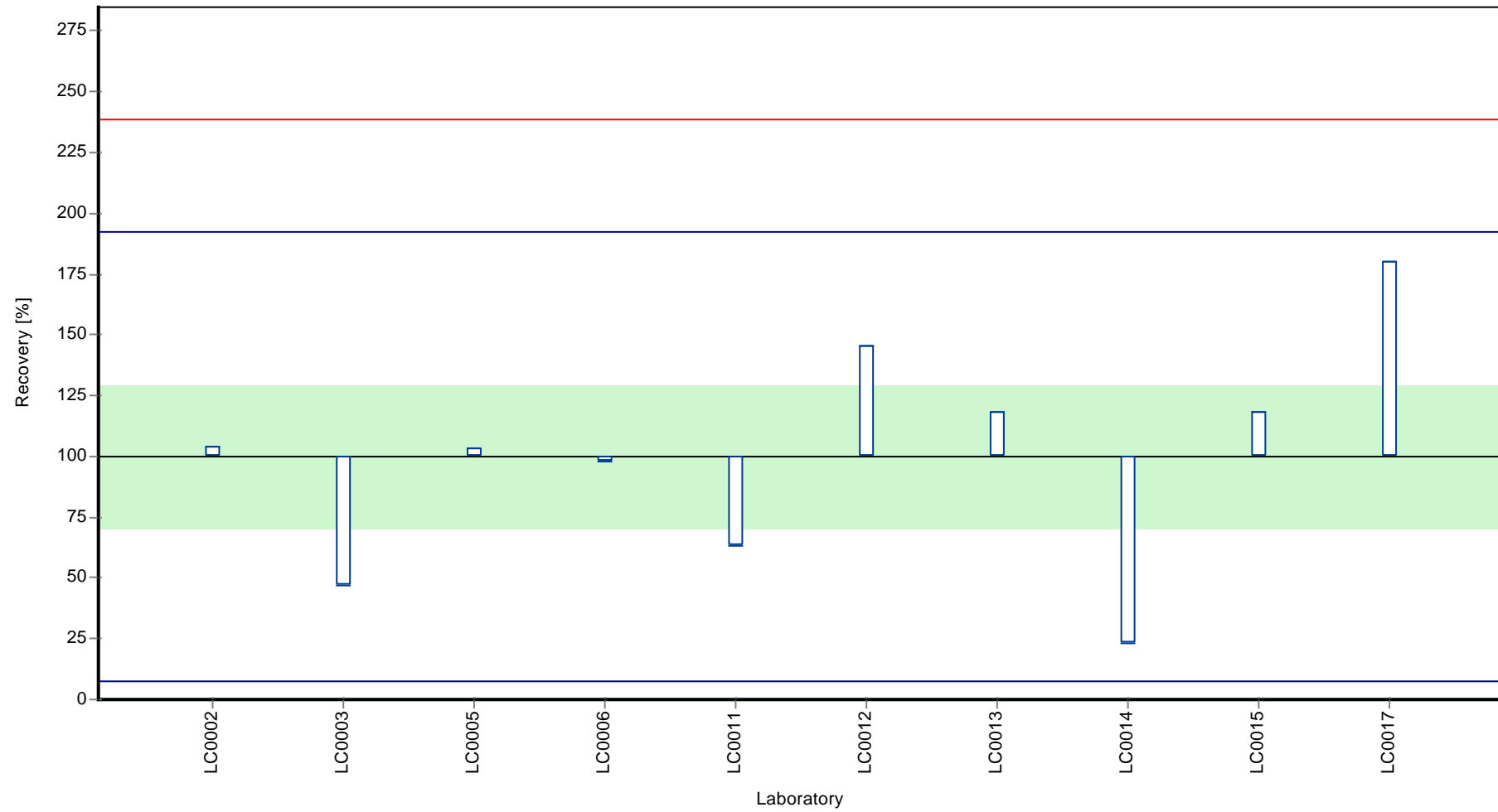
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.195 ± 0.0854	0.195 ± 0.0854	µg/l
Minimum	0.045	0.045	µg/l
Maximum	0.351	0.351	µg/l
Standard deviation	0.09	0.09	µg/l
rel. Standard deviation	46.2	46.2	%
n	10	10	-

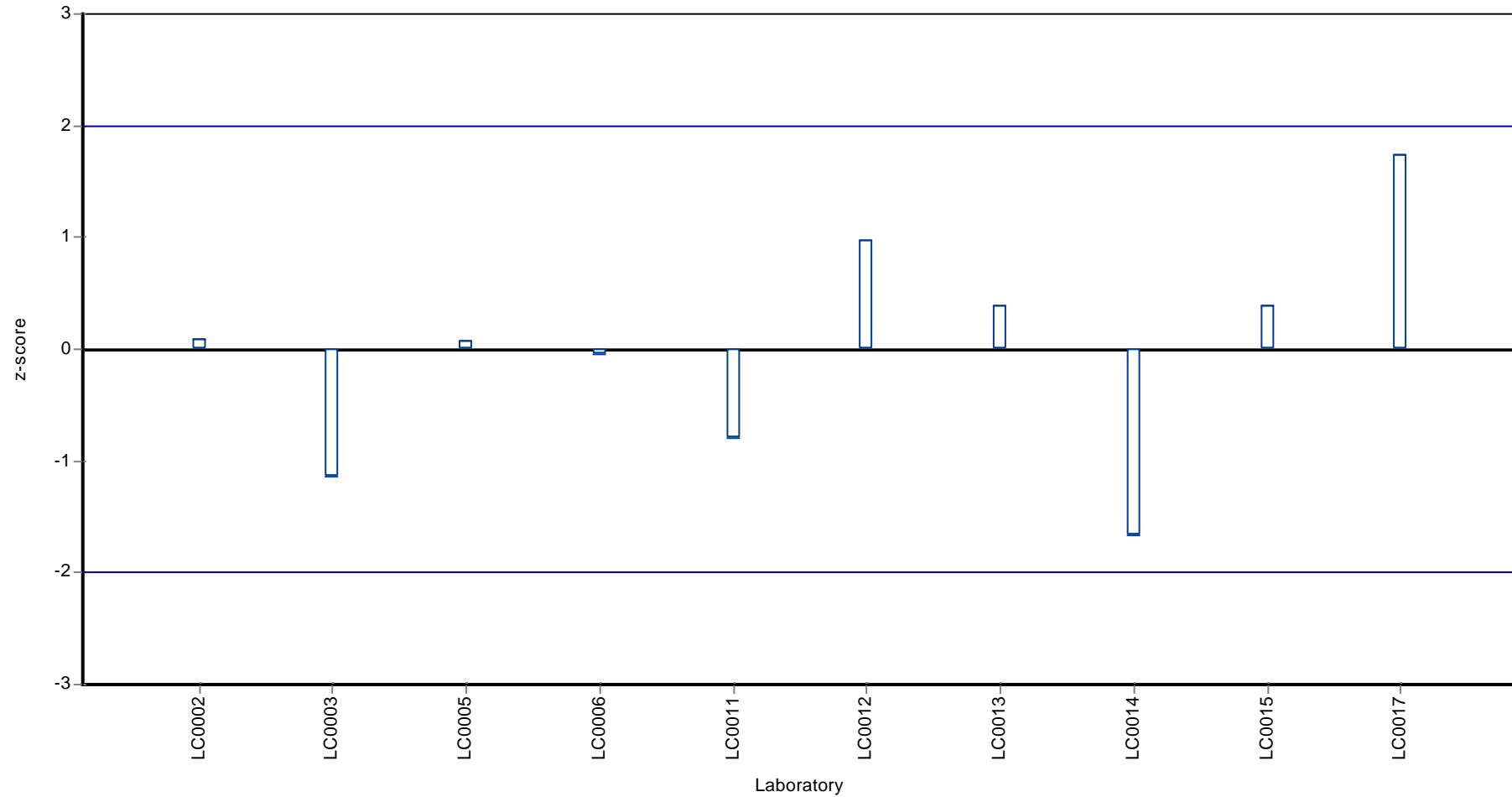
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H93 B

Heptachlor

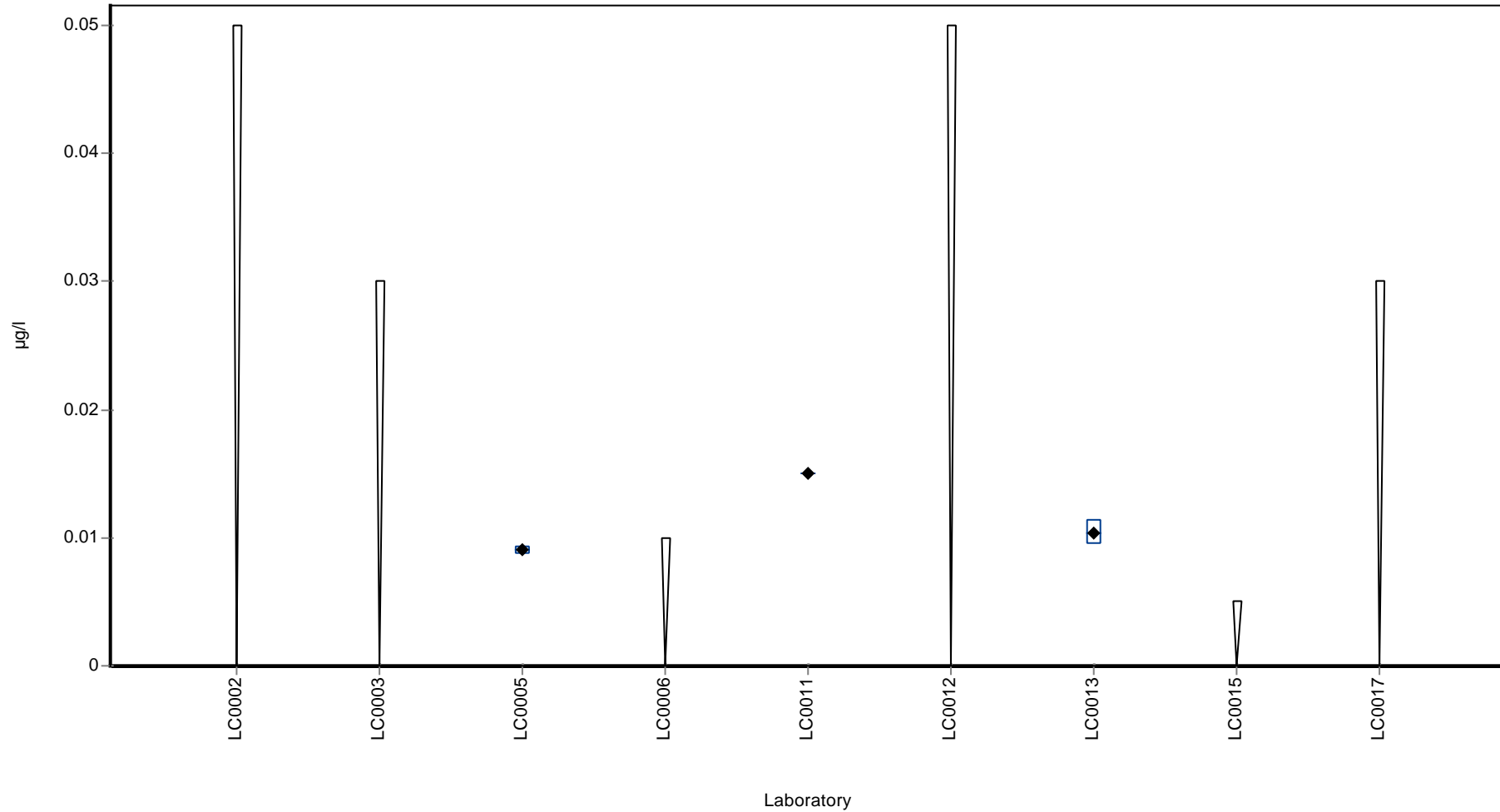
Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.009 - 0.015
Check value ± U	< 0.04 (LOD)

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	< 0.05 (LOQ)	-	-	-	
LC0003	< 0.03 (LOQ)	-	-	-	
LC0004	-	-	-	-	
LC0005	0.009	0.0003	-	-	
LC0006	< 0.01 (LOQ)	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.015	-	-	-	
LC0012	< 0.05 (LOQ)	-	-	-	
LC0013	0.0104	0.001	-	-	
LC0014	-	-	-	-	
LC0015	< 0.005 (LOQ)	-	-	-	
LC0016	-	-	-	-	
LC0017	< 0.03 (LOQ)	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.0115 ± 0.00544	-	µg/l
Minimum	0.009	0.009	µg/l
Maximum	0.015	0.015	µg/l
Standard deviation	0.00314	-	µg/l
rel. Standard deviation	27.4	-	%
n	3	3	-

Graphical presentation of results
Results



Parameter oriented report

H93 A

Imidacloprid

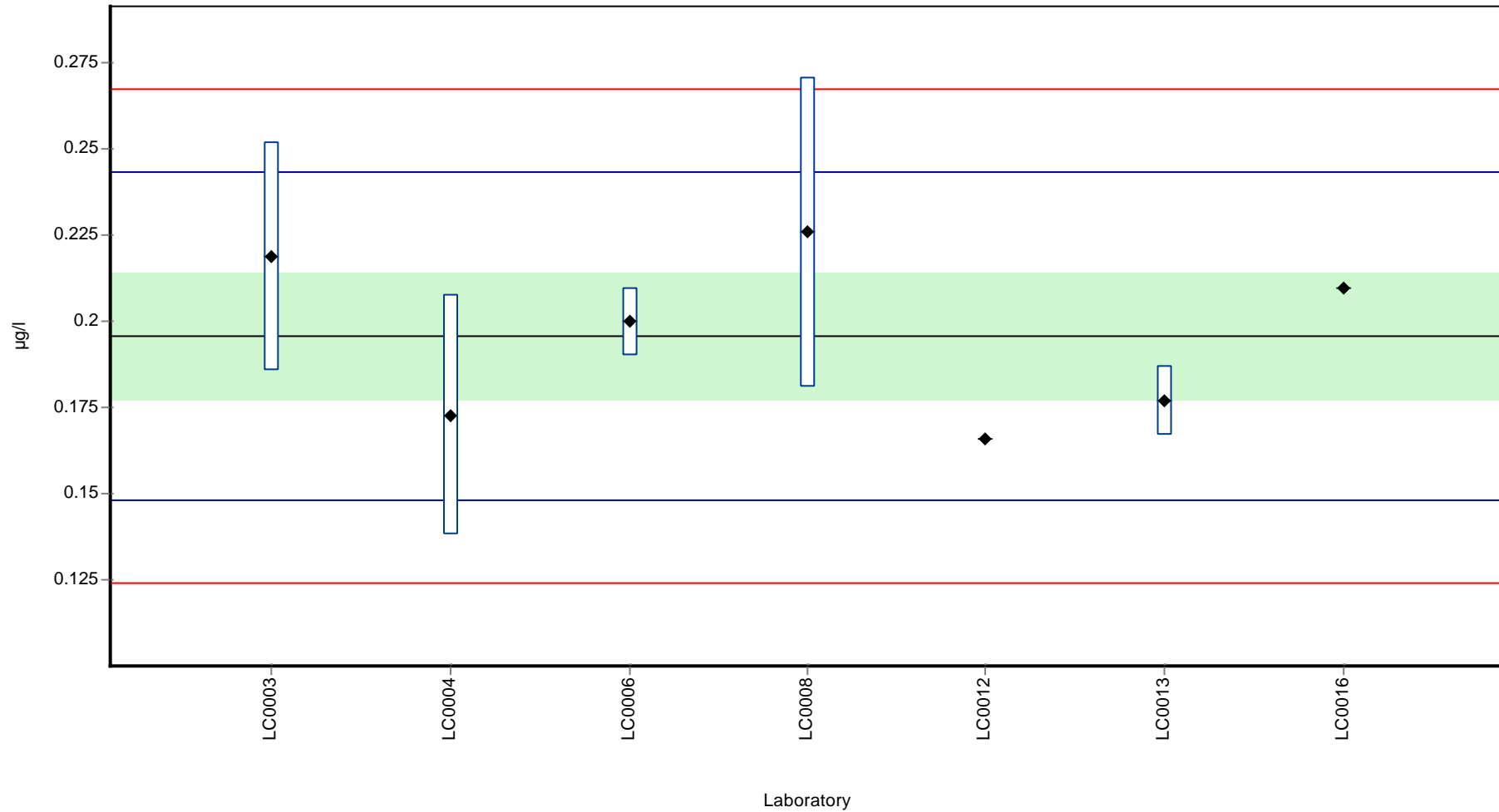
Unit	µg/l
Mean ± CI (99%)	0.196 ± 0.0271
Minimum - Maximum	0.166 - 0.226
Check value ± U	0.19 ± 0.015

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.219	0.033	111.8	1.0	
LC0004	0.173	0.035	88.3	-1.0	
LC0005	-	-	-	-	
LC0006	0.200	0.010	102.1	0.2	
LC0007	-	-	-	-	
LC0008	0.226	0.045	115.4	1.3	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.166	-	84.8	-1.2	
LC0013	0.177	0.010	90.4	-0.8	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.210	-	107.2	0.6	
LC0017	-	-	-	-	

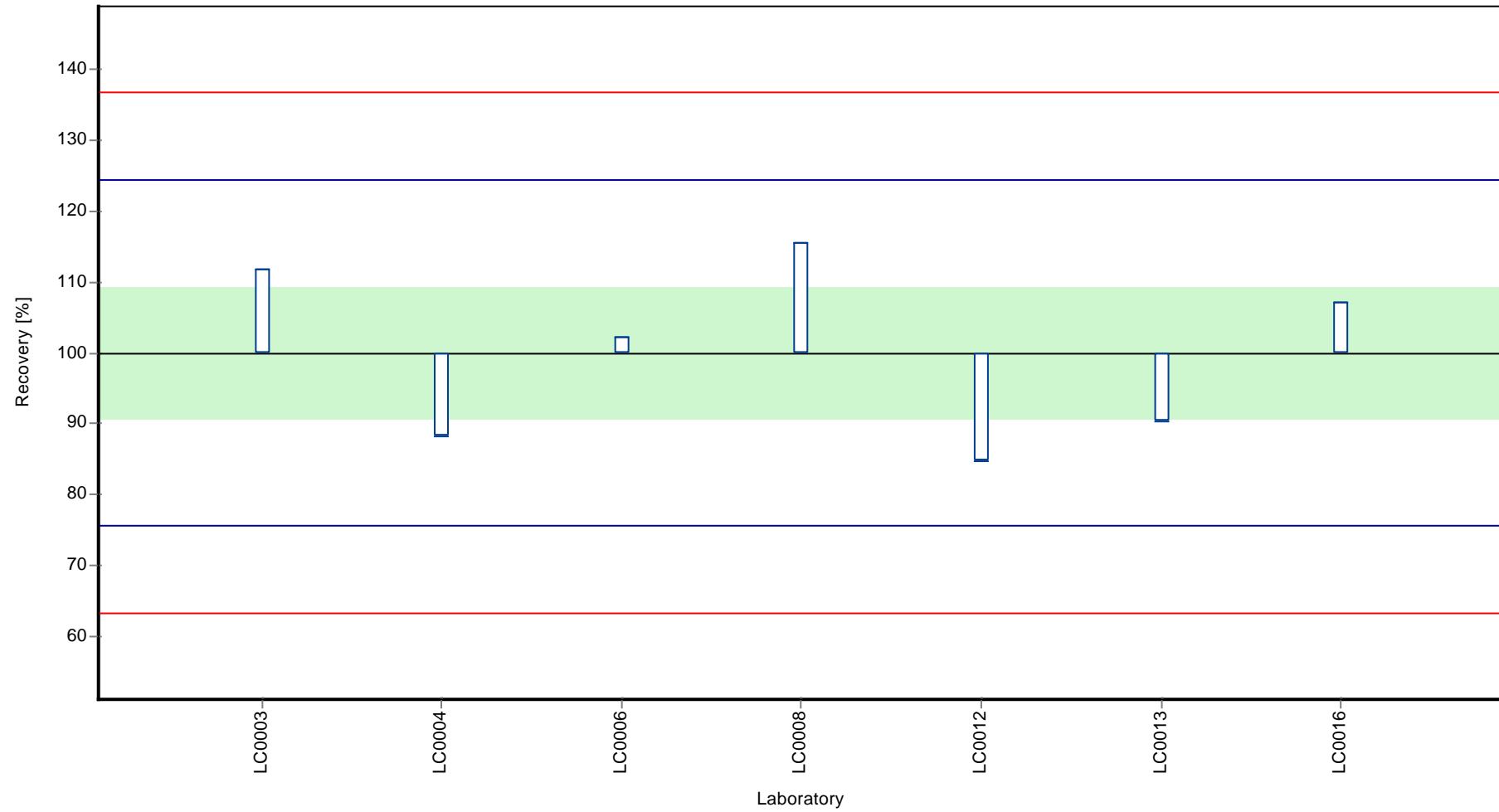
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.196 ± 0.0271	0.196 ± 0.0271	µg/l
Minimum	0.166	0.166	µg/l
Maximum	0.226	0.226	µg/l
Standard deviation	0.0239	0.0239	µg/l
rel. Standard deviation	12.2	12.2	%
n	7	7	-

Graphical presentation of results
Results



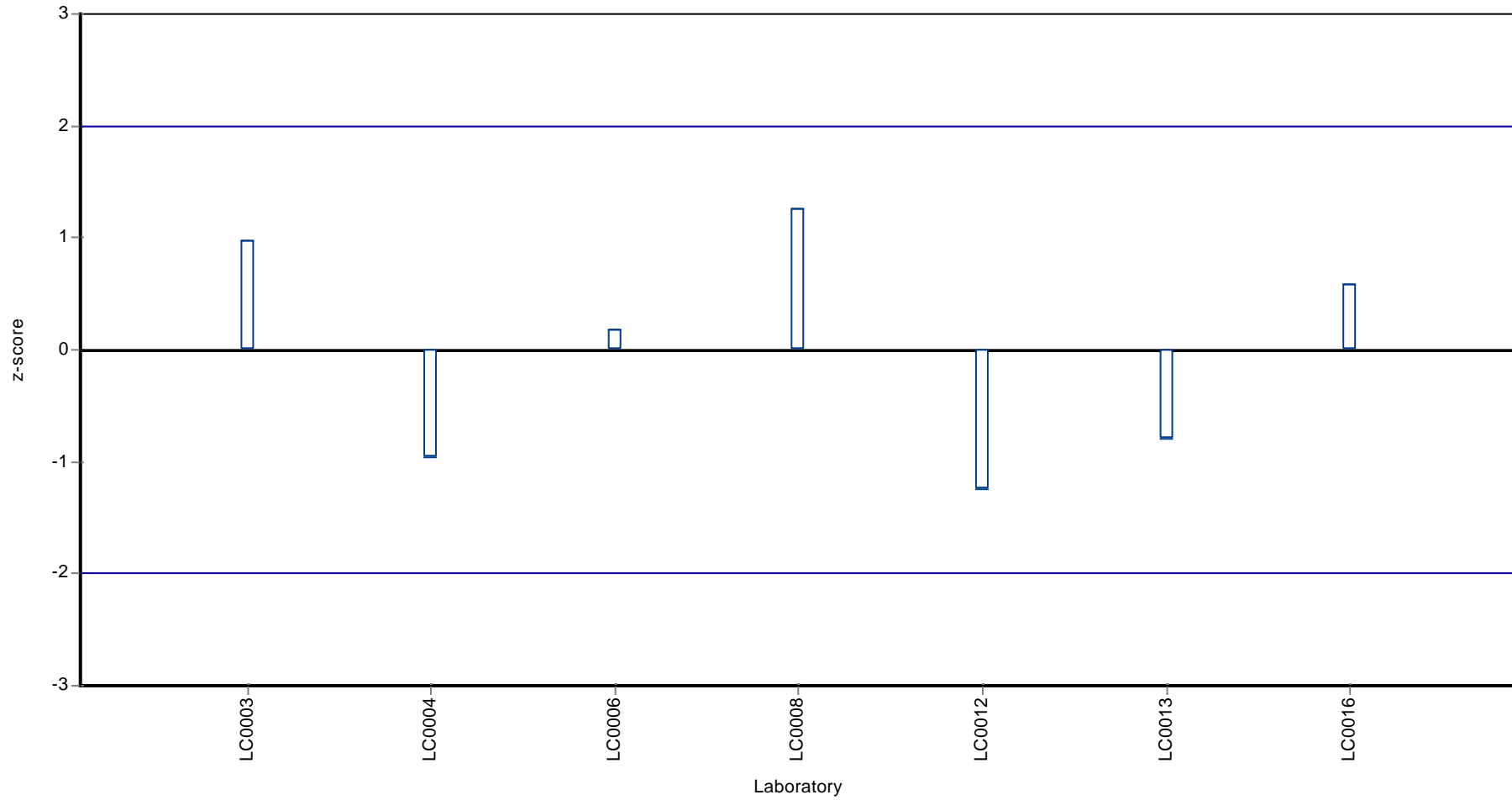
Recovery rate



Parameter oriented report Pesticides H93

Sample: H93A, Parameter: Imidacloprid

Z-score



Parameter oriented report

H93 B

Imidacloprid

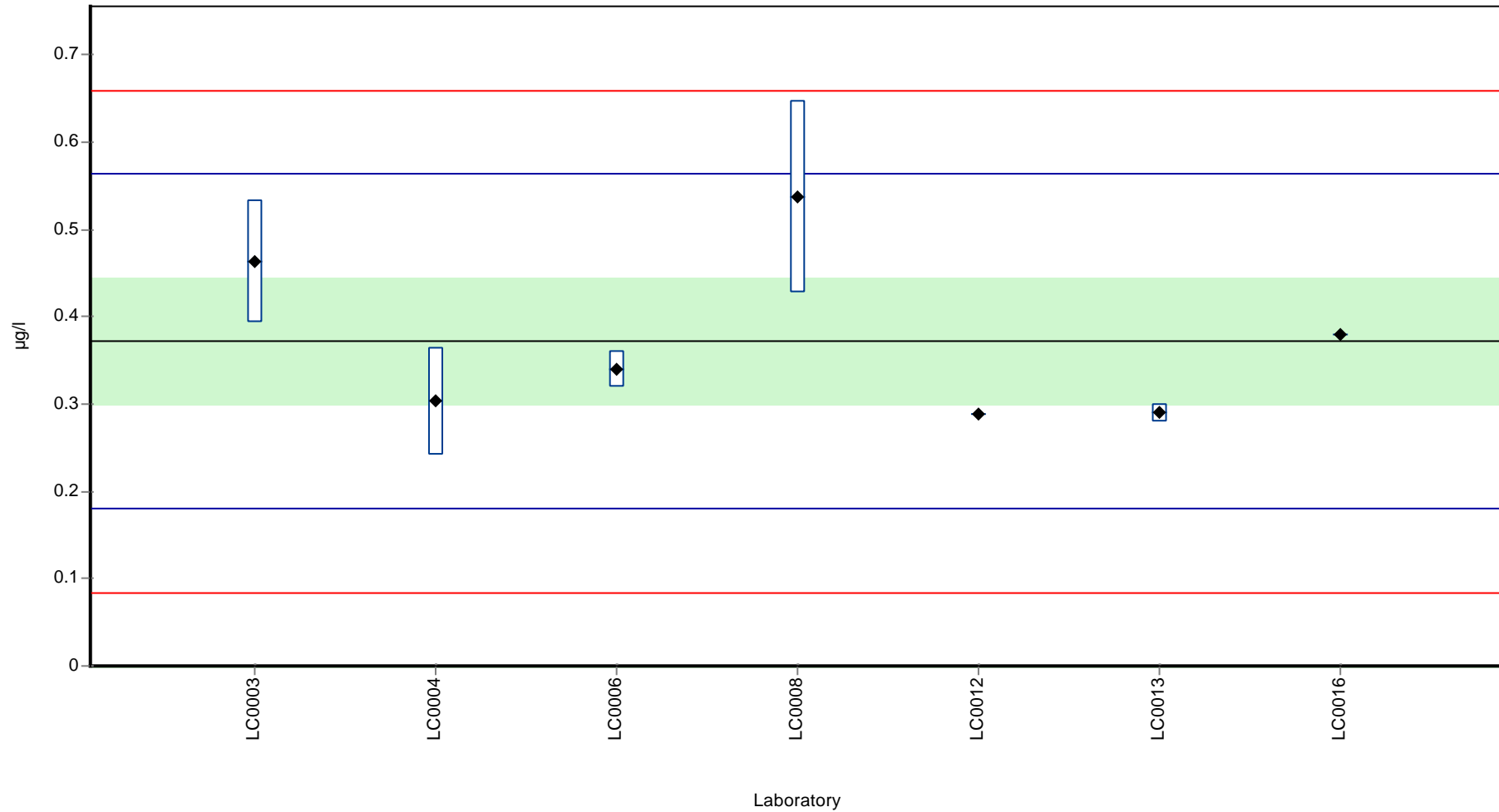
Unit	µg/l
Mean ± CI (99%)	0.372 ± 0.109
Minimum - Maximum	0.289 - 0.538
Check value ± U	0.34 ± 0.024

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.463	0.070	124.5	0.9	
LC0004	0.303	0.061	81.5	-0.7	
LC0005	-	-	-	-	
LC0006	0.340	0.020	91.4	-0.3	
LC0007	-	-	-	-	
LC0008	0.538	0.110	144.7	1.7	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.289	-	77.7	-0.9	
LC0013	0.290	0.010	78.0	-0.9	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.380	-	102.2	0.1	
LC0017	-	-	-	-	

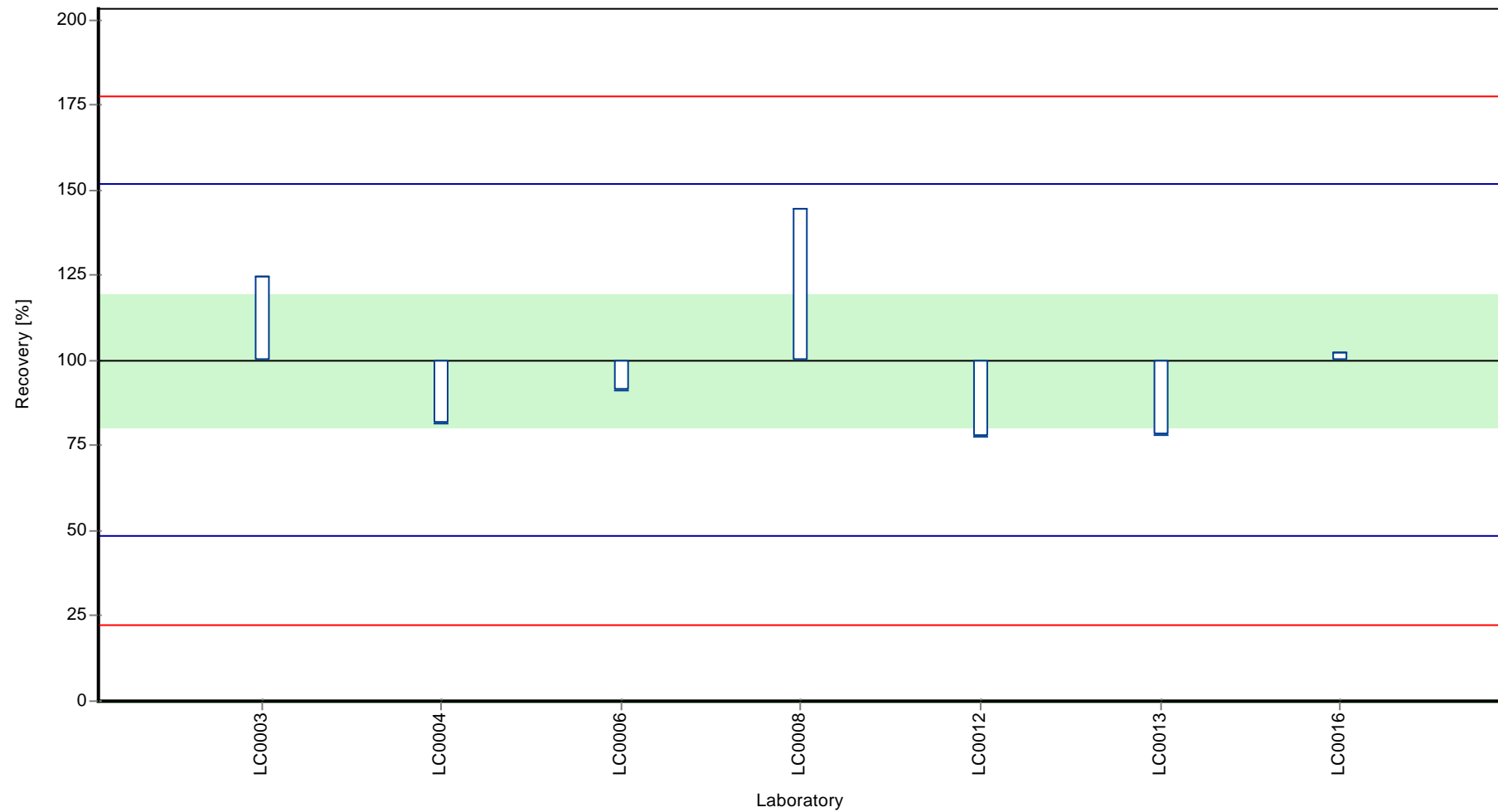
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.372 ± 0.109	0.372 ± 0.109	µg/l
Minimum	0.289	0.289	µg/l
Maximum	0.538	0.538	µg/l
Standard deviation	0.096	0.096	µg/l
rel. Standard deviation	25.8	25.8	%
n	7	7	-

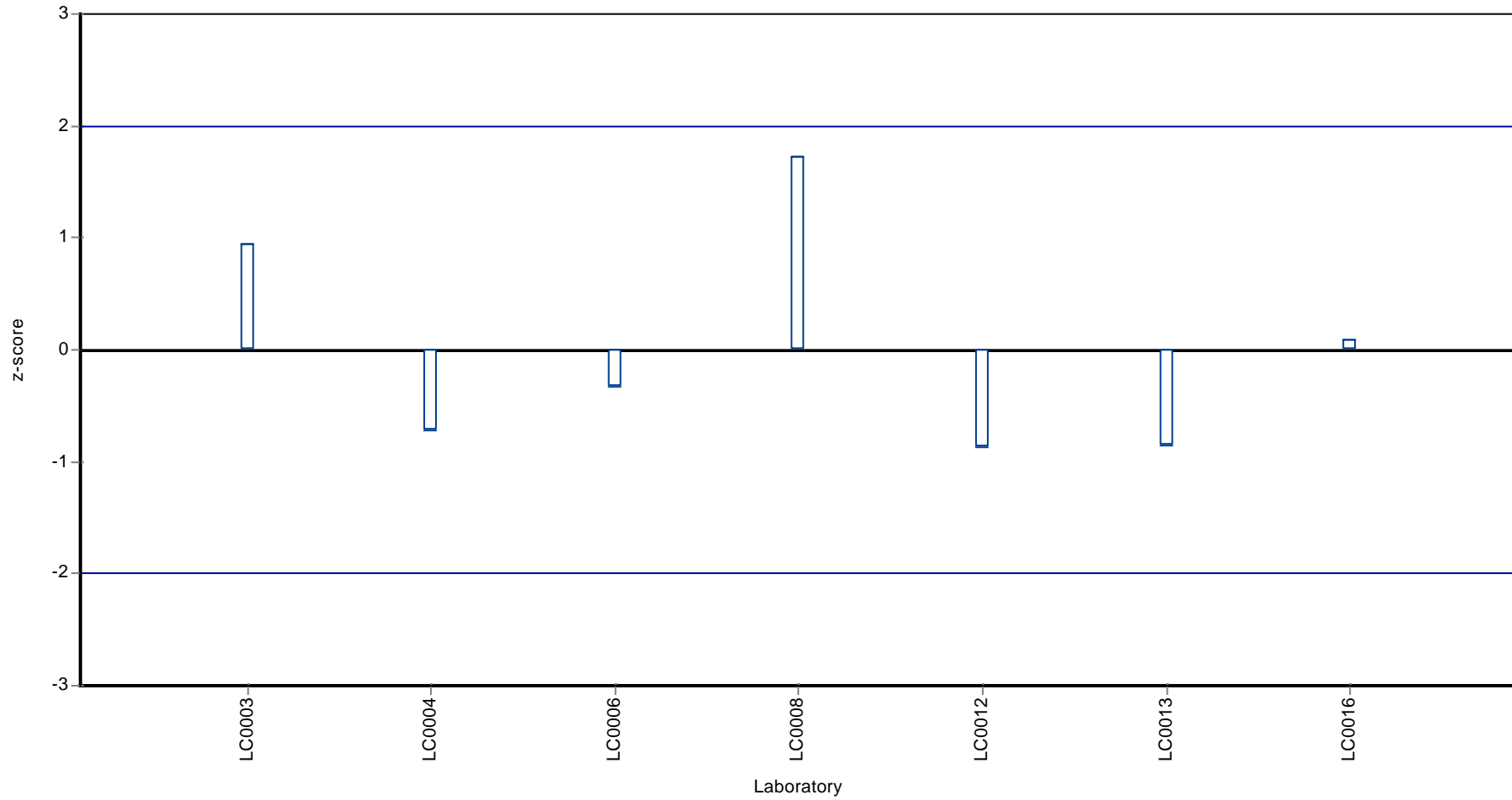
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H93 A

Nitenpyram

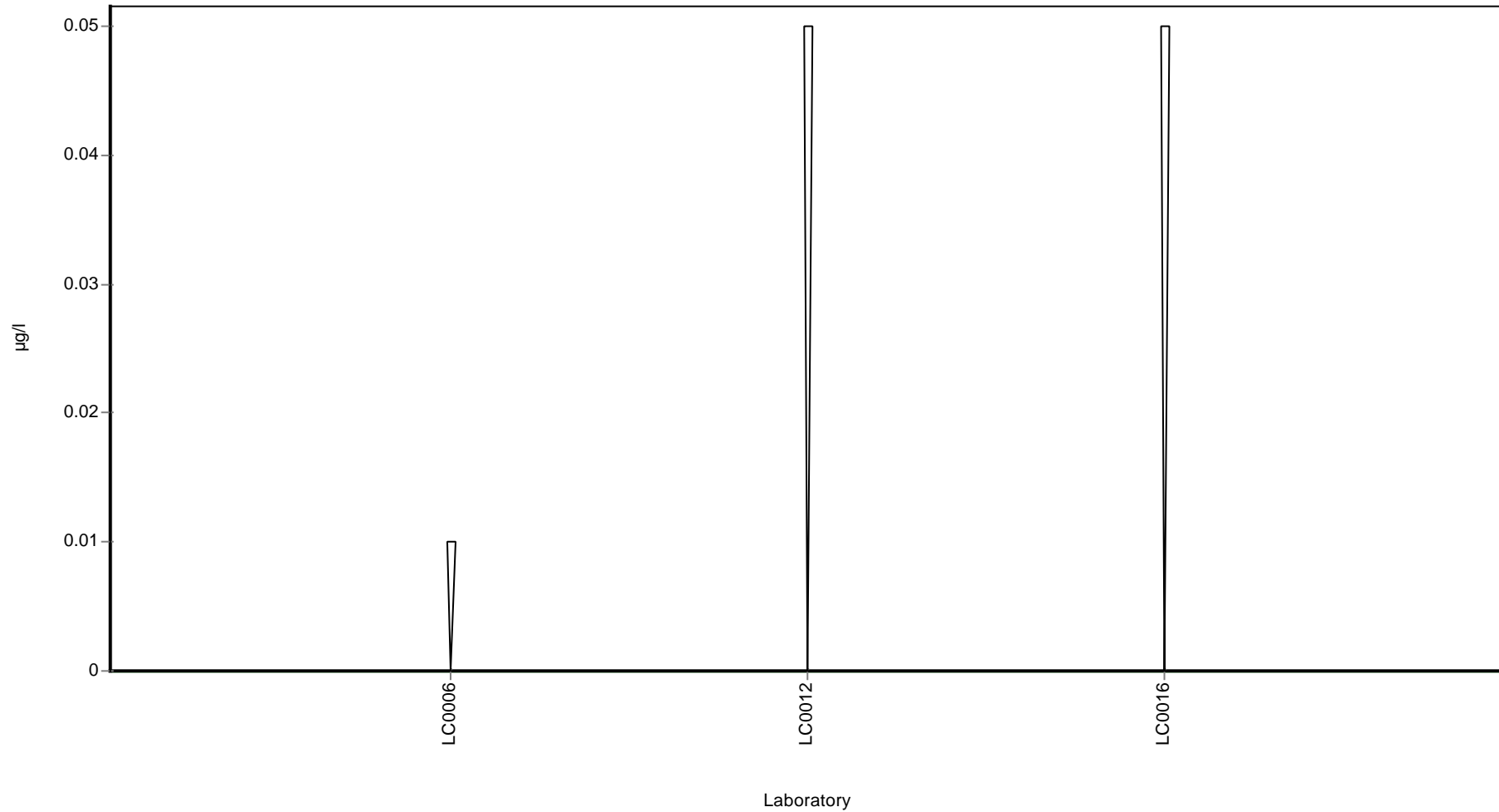
Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Check value ± U	< 0.025 (NG)

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

Characteristics of parameter

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

Graphical presentation of results
Results



Parameter oriented report

H93 B

Nitenpyram

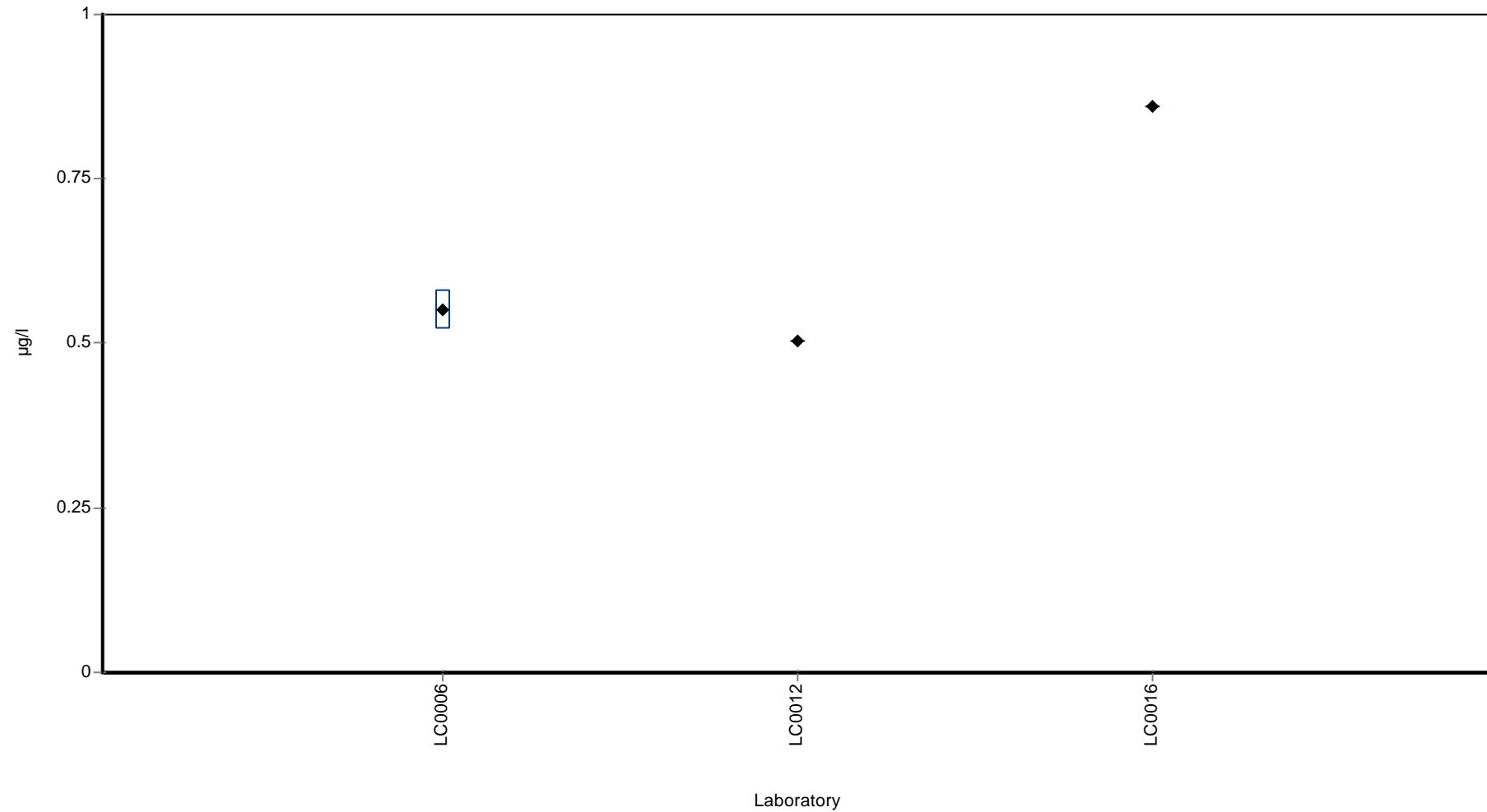
Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.503 - 0.86
Check value ± U	0.64 ± 0.038

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	0.550	0.030	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.503	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.860	-	-	-	
LC0017	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.638 ± 0.336	-	µg/l
Minimum	0.503	0.503	µg/l
Maximum	0.86	0.86	µg/l
Standard deviation	0.194	-	µg/l
rel. Standard deviation	30.4	-	%
n	3	3	-

Graphical presentation of results
Results



Parameter oriented report

H93 A

Prometryn

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

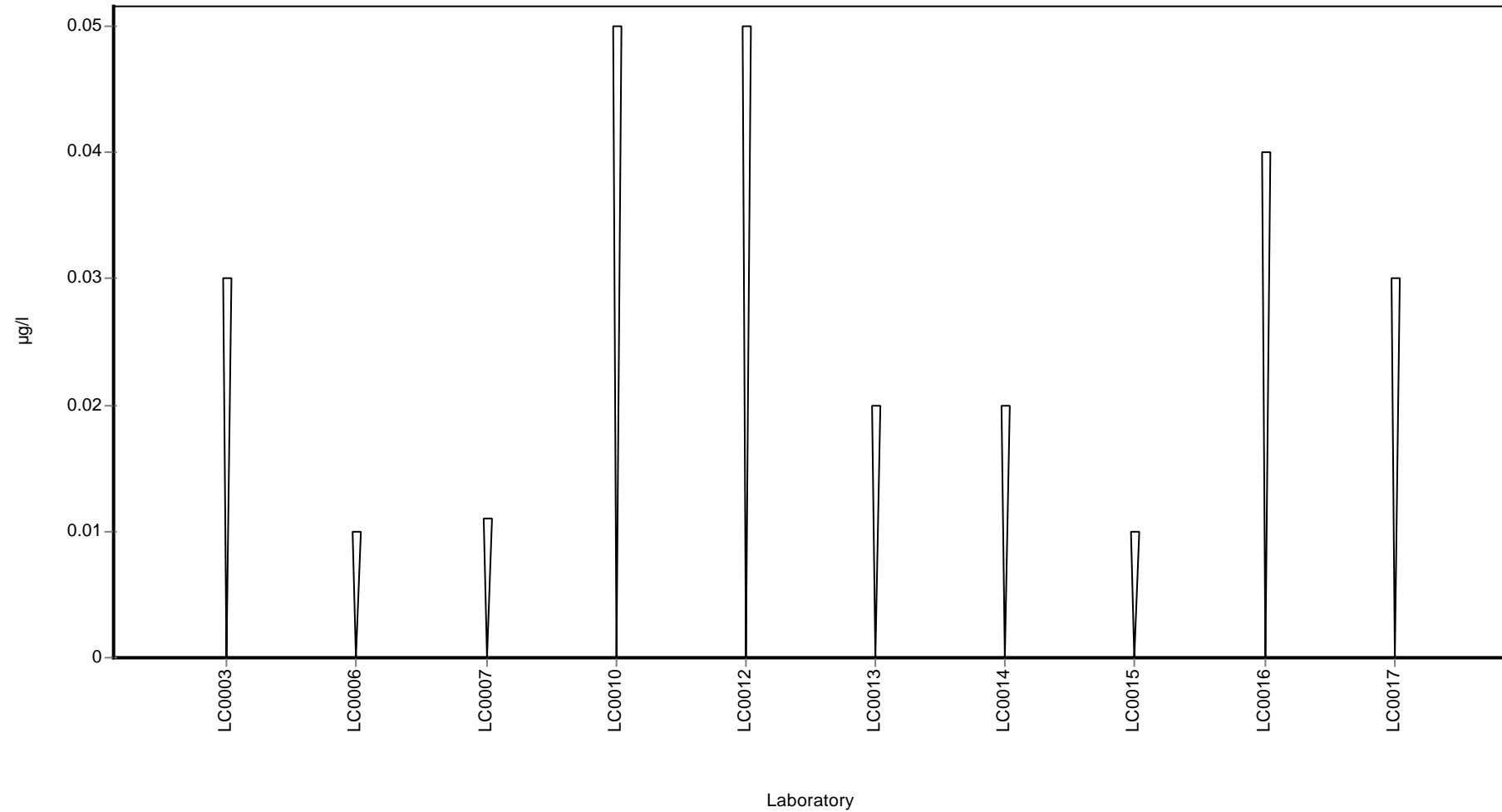
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	< 0.03 (LOQ)	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	< 0.01 (LOQ)	-	-	-	
LC0007	<0.011 (LOD)	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	< 0.05 (LOQ)	-	-	-	
LC0011	-	-	-	-	
LC0012	< 0.05 (LOQ)	-	-	-	
LC0013	< 0.02 (LOQ)	-	-	-	
LC0014	< 0.02 (LOQ)	-	-	-	
LC0015	< 0.01 (LOQ)	-	-	-	
LC0016	< 0.04 (LOQ)	-	-	-	
LC0017	< 0.03 (LOQ)	-	-	-	

Characteristics of parameter

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

Graphical presentation of results

Results



Parameter oriented report

H93 B

Prometryn

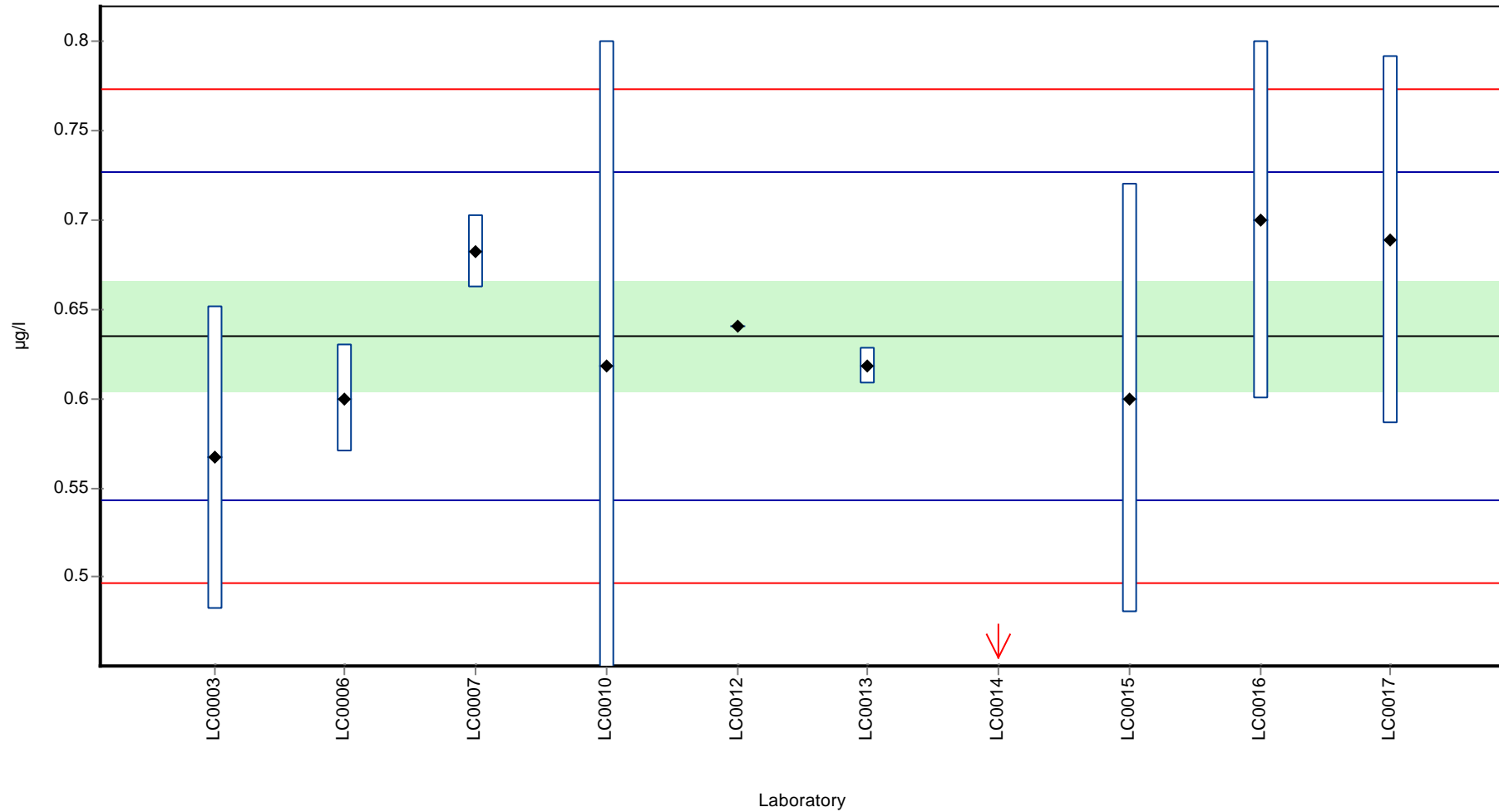
Unit	µg/l
Mean ± CI (99%)	0.635 ± 0.0461
Minimum - Maximum	0.567 - 0.7
Check value ± U	0.82 ± 0.028

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.567	0.085	89.3	-1.5	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	0.600	0.030	94.5	-0.8	
LC0007	0.682	0.0206	107.4	1.0	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	0.618	0.182	97.3	-0.4	
LC0011	-	-	-	-	
LC0012	0.640	-	100.8	0.1	
LC0013	0.618	0.010	97.3	-0.4	
LC0014	0.374	0.040	58.9	-5.7	H
LC0015	0.600	0.120	94.5	-0.8	
LC0016	0.700	0.100	110.3	1.4	
LC0017	0.689	0.103	108.5	1.2	

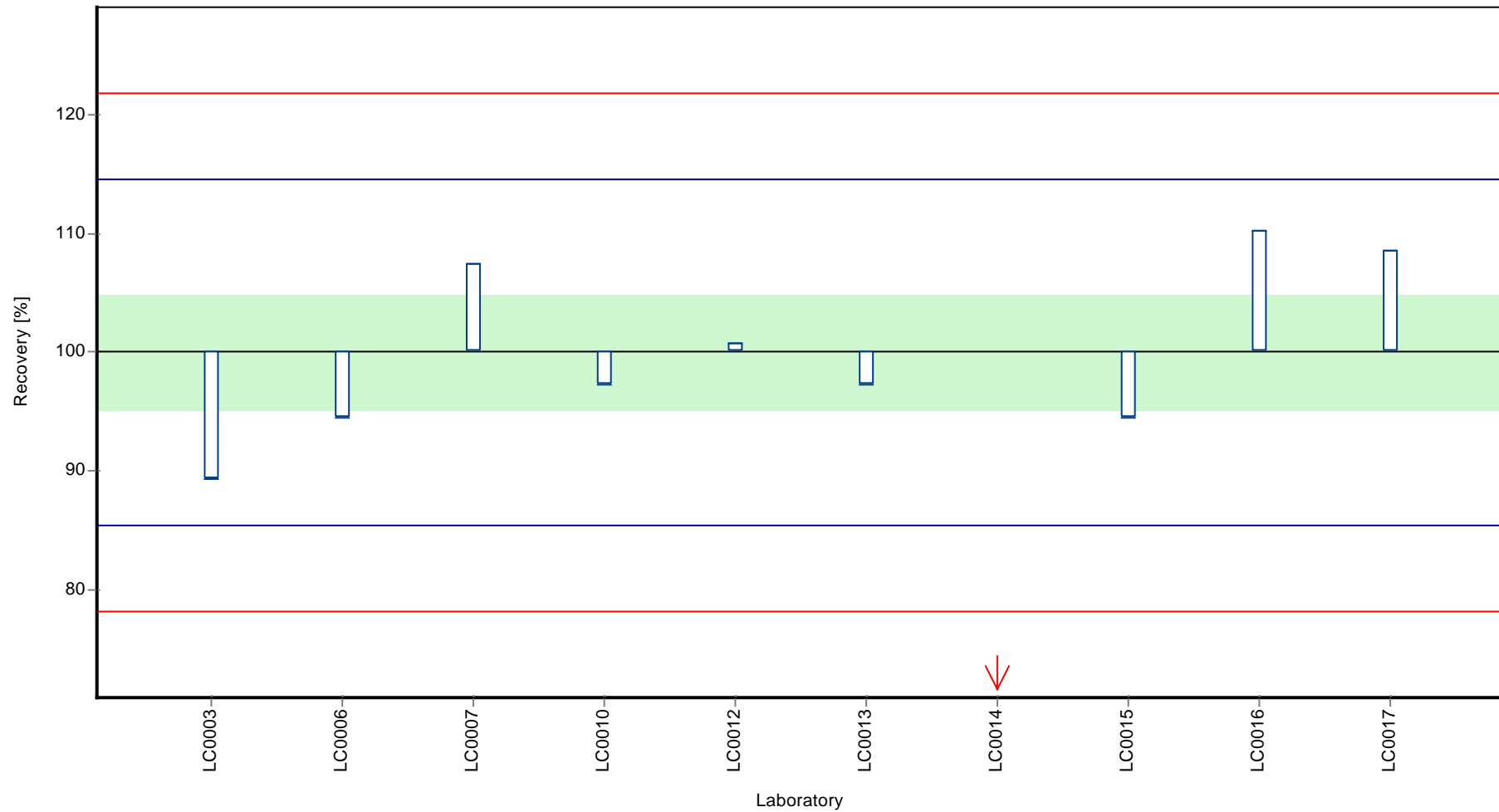
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.609 ± 0.0885	0.635 ± 0.0461	µg/l
Minimum	0.374	0.567	µg/l
Maximum	0.7	0.7	µg/l
Standard deviation	0.0933	0.0461	µg/l
rel. Standard deviation	15.3	7.27	%
n	10	9	-

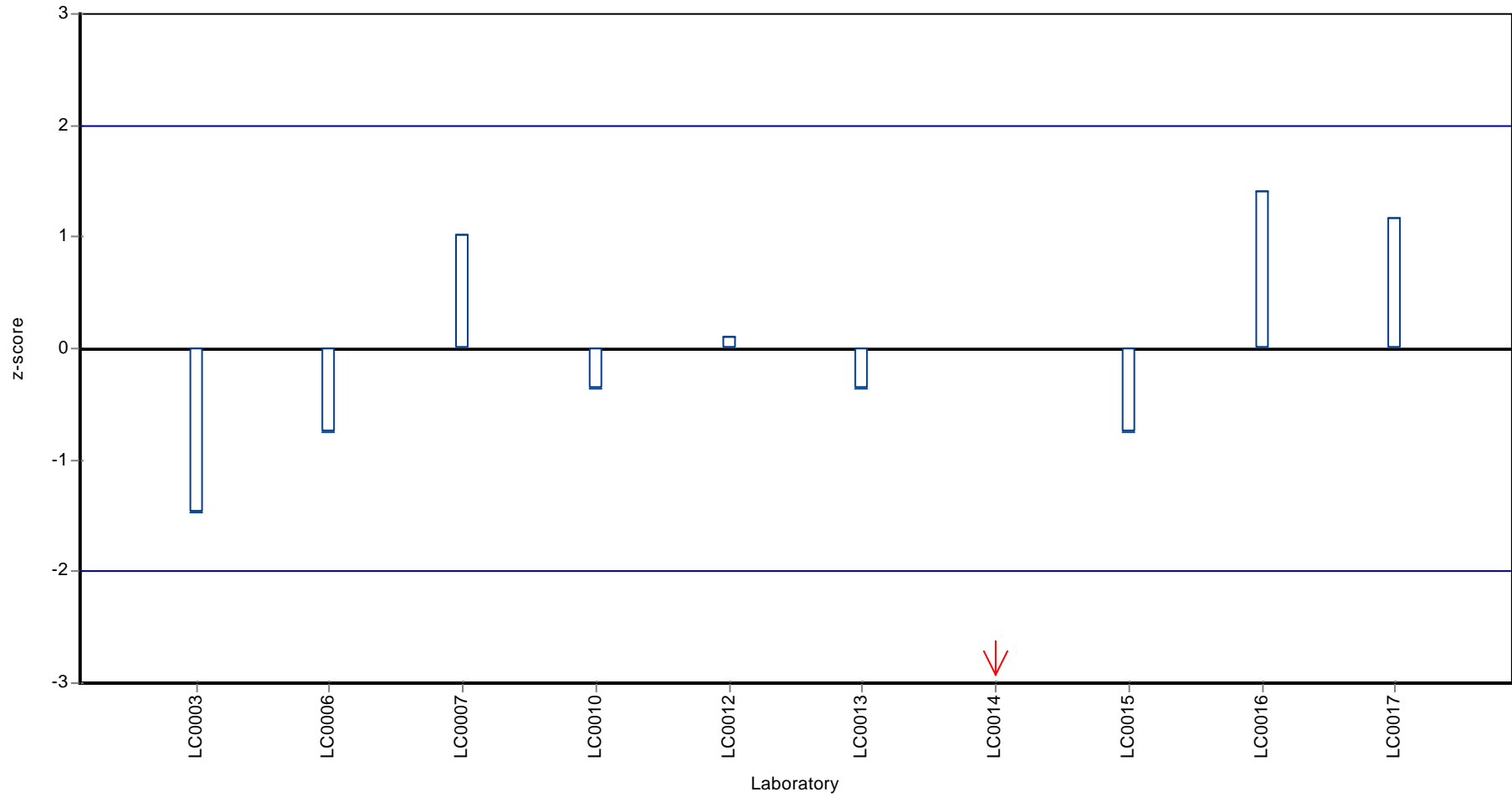
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H93 A

Propazine

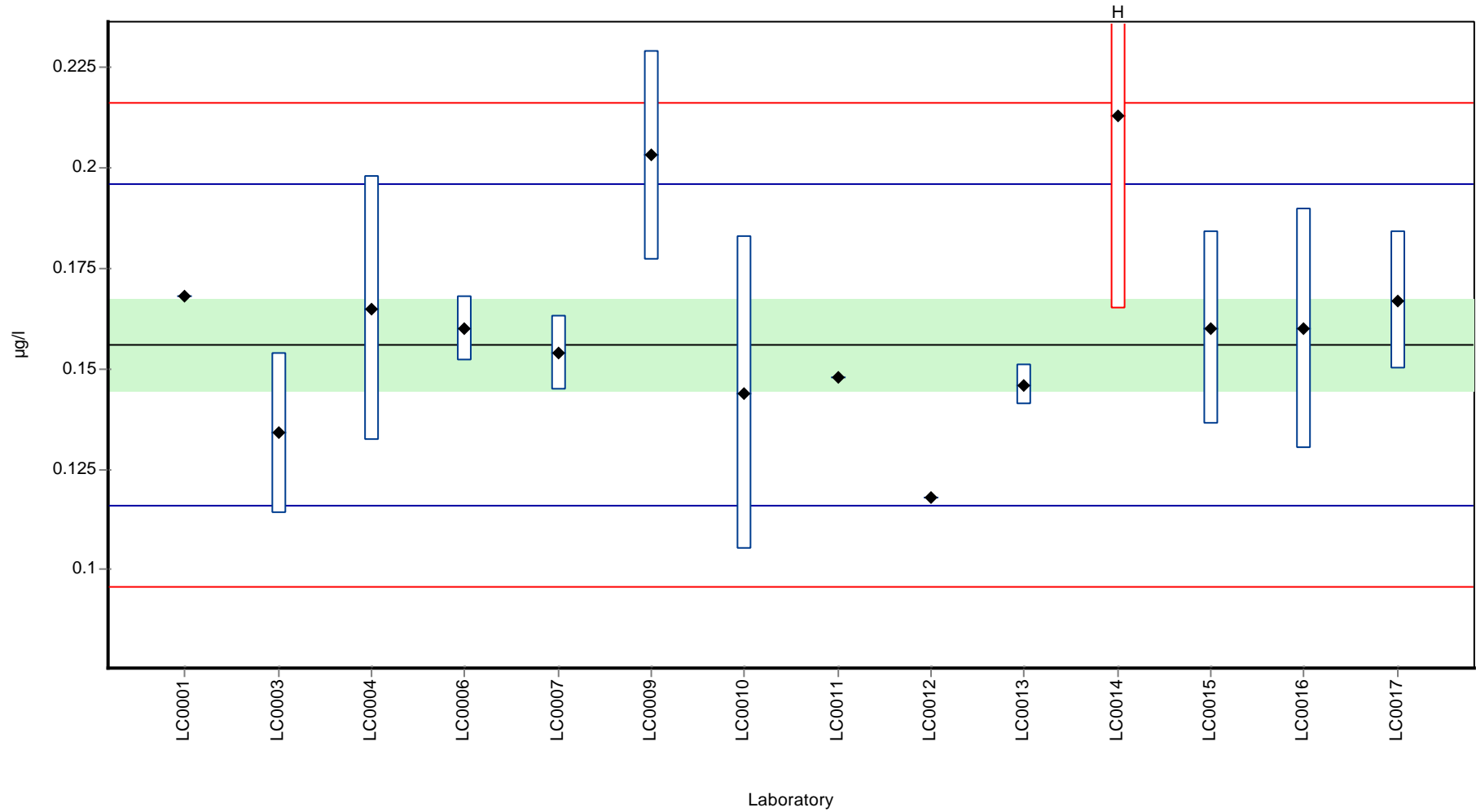
Unit	µg/l
Mean ± CI (99%)	0.156 ± 0.0167
Minimum - Maximum	0.118 - 0.203
Check value ± U	0.17 ± 0.0039

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.168	-	107.7	0.6	
LC0002	-	-	-	-	
LC0003	0.134	0.020	85.9	-1.1	
LC0004	0.165	0.033	105.8	0.5	
LC0005	-	-	-	-	
LC0006	0.160	0.008	102.6	0.2	
LC0007	0.154	0.0092	98.8	-0.1	
LC0008	-	-	-	-	
LC0009	0.203	0.026	130.2	2.3	
LC0010	0.144	0.039	92.4	-0.6	
LC0011	0.148	-	94.9	-0.4	
LC0012	0.118	-	75.7	-1.9	
LC0013	0.146	0.005	93.6	-0.5	
LC0014	0.213	0.048	136.6	2.8	H
LC0015	0.160	0.024	102.6	0.2	
LC0016	0.160	0.030	102.6	0.2	
LC0017	0.167	0.017	107.1	0.6	

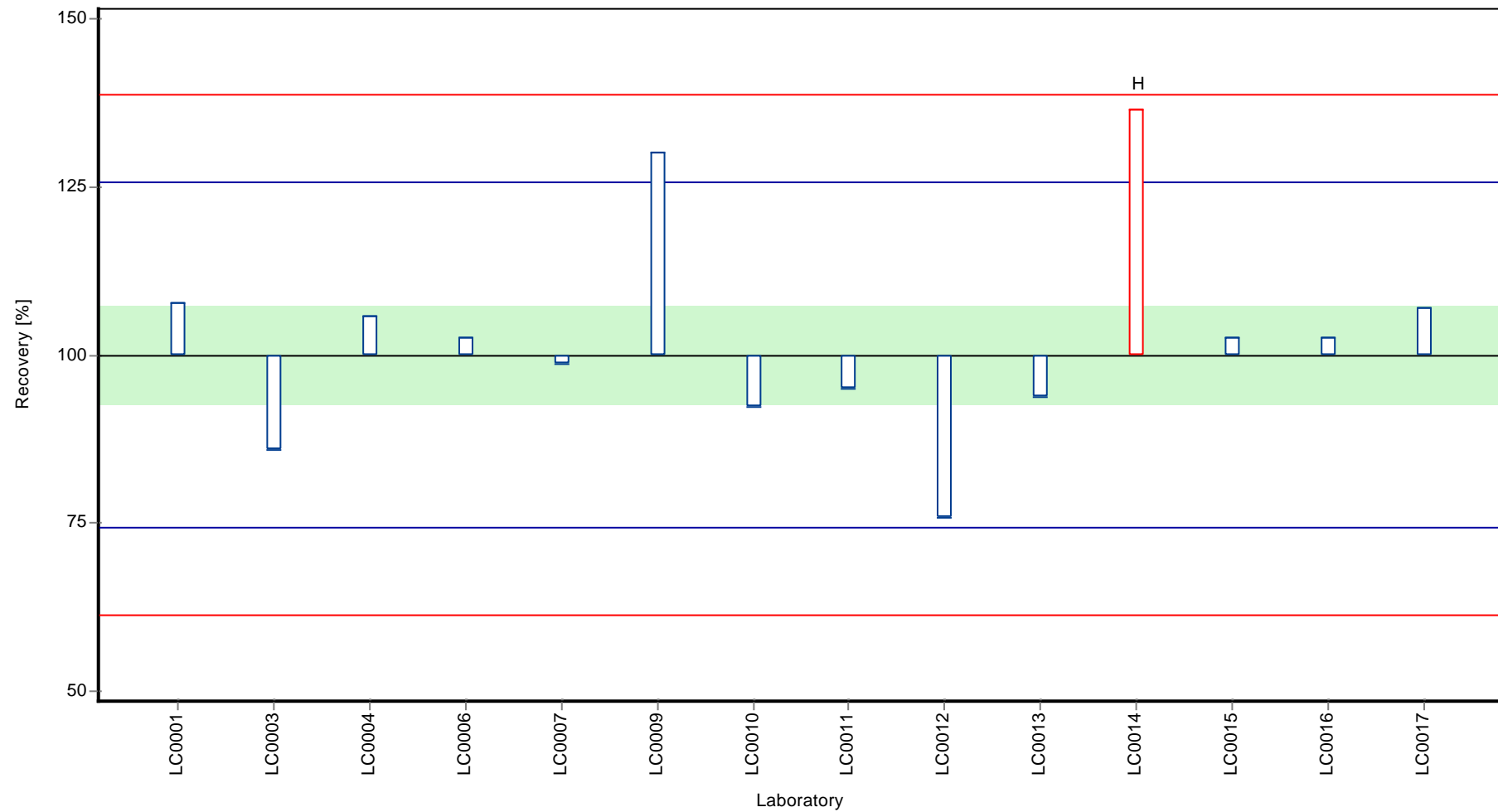
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.16 ± 0.0197	0.156 ± 0.0167	µg/l
Minimum	0.118	0.118	µg/l
Maximum	0.213	0.203	µg/l
Standard deviation	0.0246	0.0201	µg/l
rel. Standard deviation	15.4	12.9	%
n	14	13	-

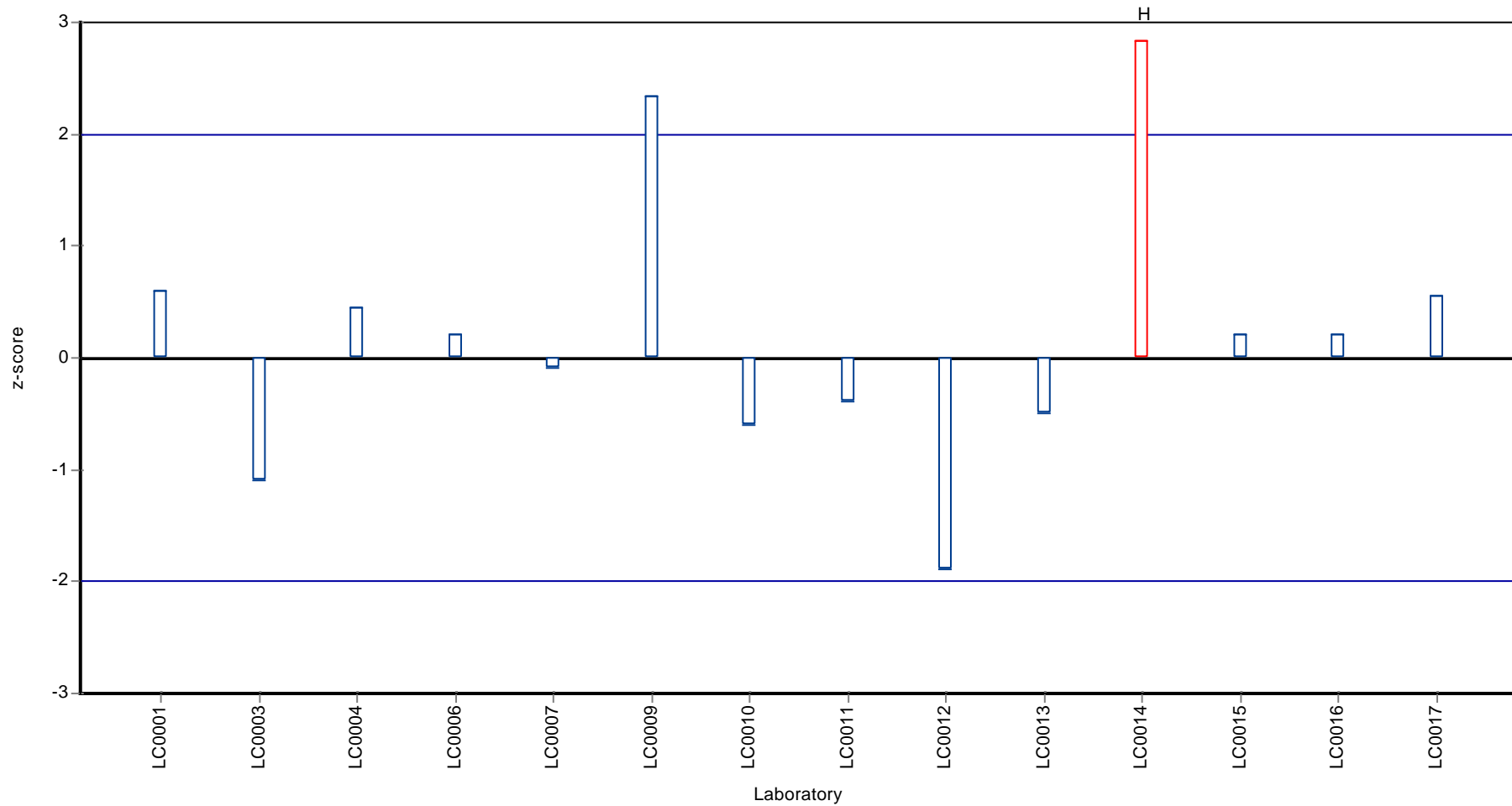
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H93 B

Propazine

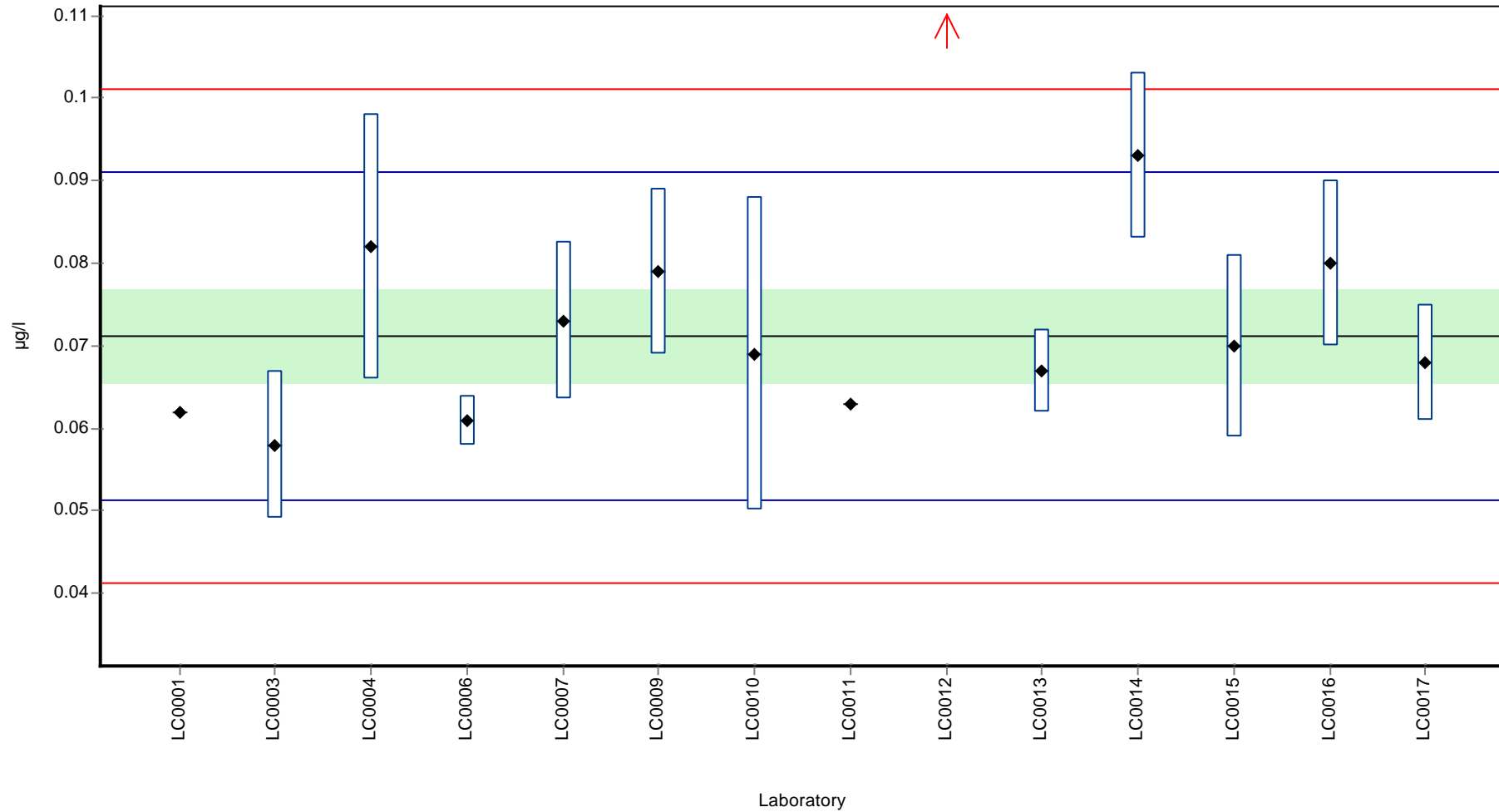
Unit	µg/l
Mean ± CI (99%)	0.0712 ± 0.00831
Minimum - Maximum	0.058 - 0.093
Check value ± U	0.079 ± 0.0039

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.062	-	87.1	-0.9	
LC0002	-	-	-	-	
LC0003	0.058	0.009	81.5	-1.3	
LC0004	0.082	0.016	115.2	1.1	
LC0005	-	-	-	-	
LC0006	0.061	0.003	85.7	-1.0	
LC0007	0.073	0.0095	102.6	0.2	
LC0008	-	-	-	-	
LC0009	0.079	0.010	111.0	0.8	
LC0010	0.069	0.019	97.0	-0.2	
LC0011	0.063	-	88.5	-0.8	
LC0012	0.530	-	744.9	45.9	H
LC0013	0.067	0.005	94.2	-0.4	
LC0014	0.093	0.010	130.7	2.2	
LC0015	0.070	0.011	98.4	-0.1	
LC0016	0.080	0.010	112.4	0.9	
LC0017	0.068	0.007	95.6	-0.3	

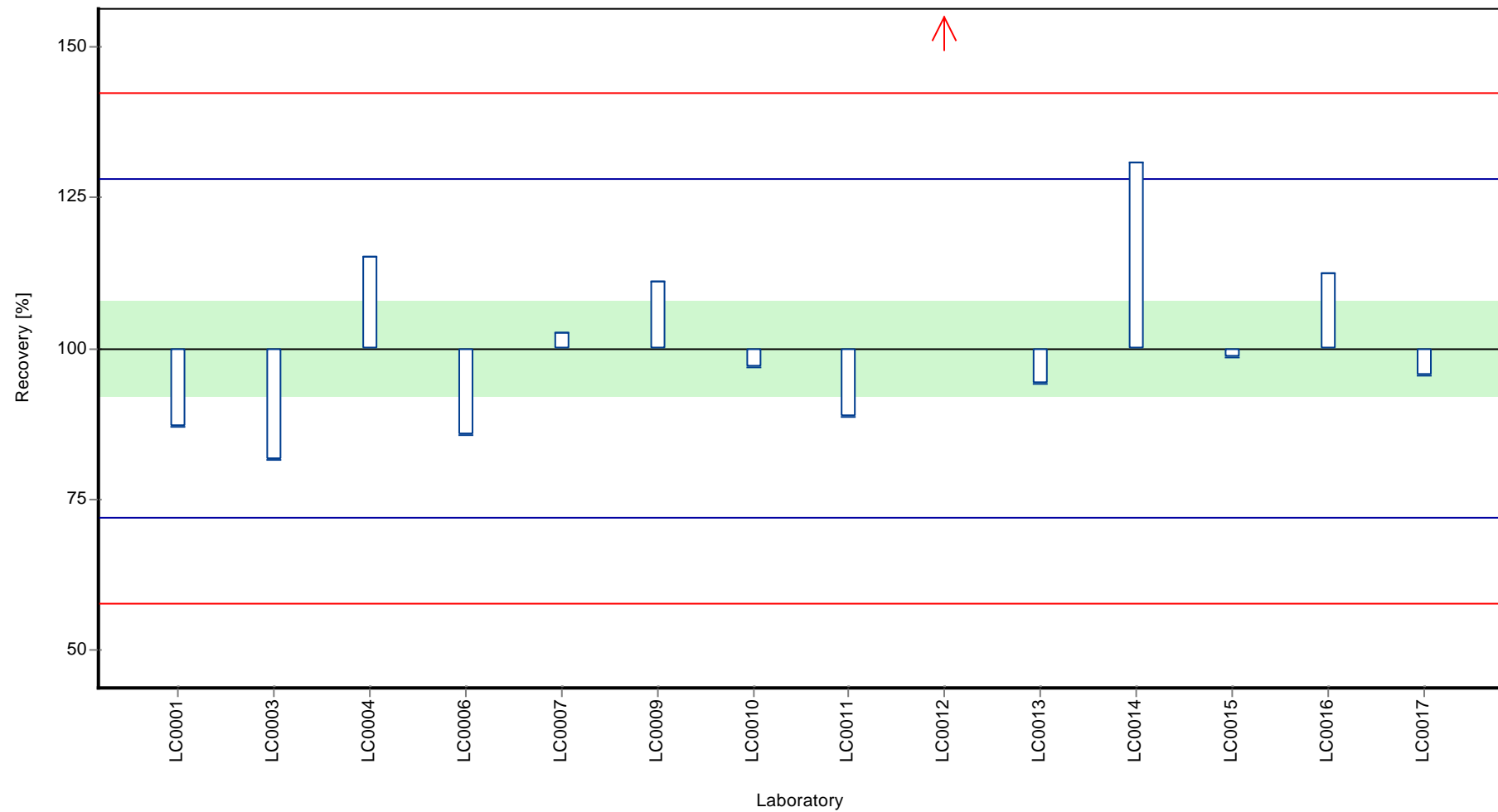
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.104 ± 0.0986	0.0712 ± 0.00831	µg/l
Minimum	0.058	0.058	µg/l
Maximum	0.53	0.093	µg/l
Standard deviation	0.123	0.00999	µg/l
rel. Standard deviation	118	14	%
n	14	13	-

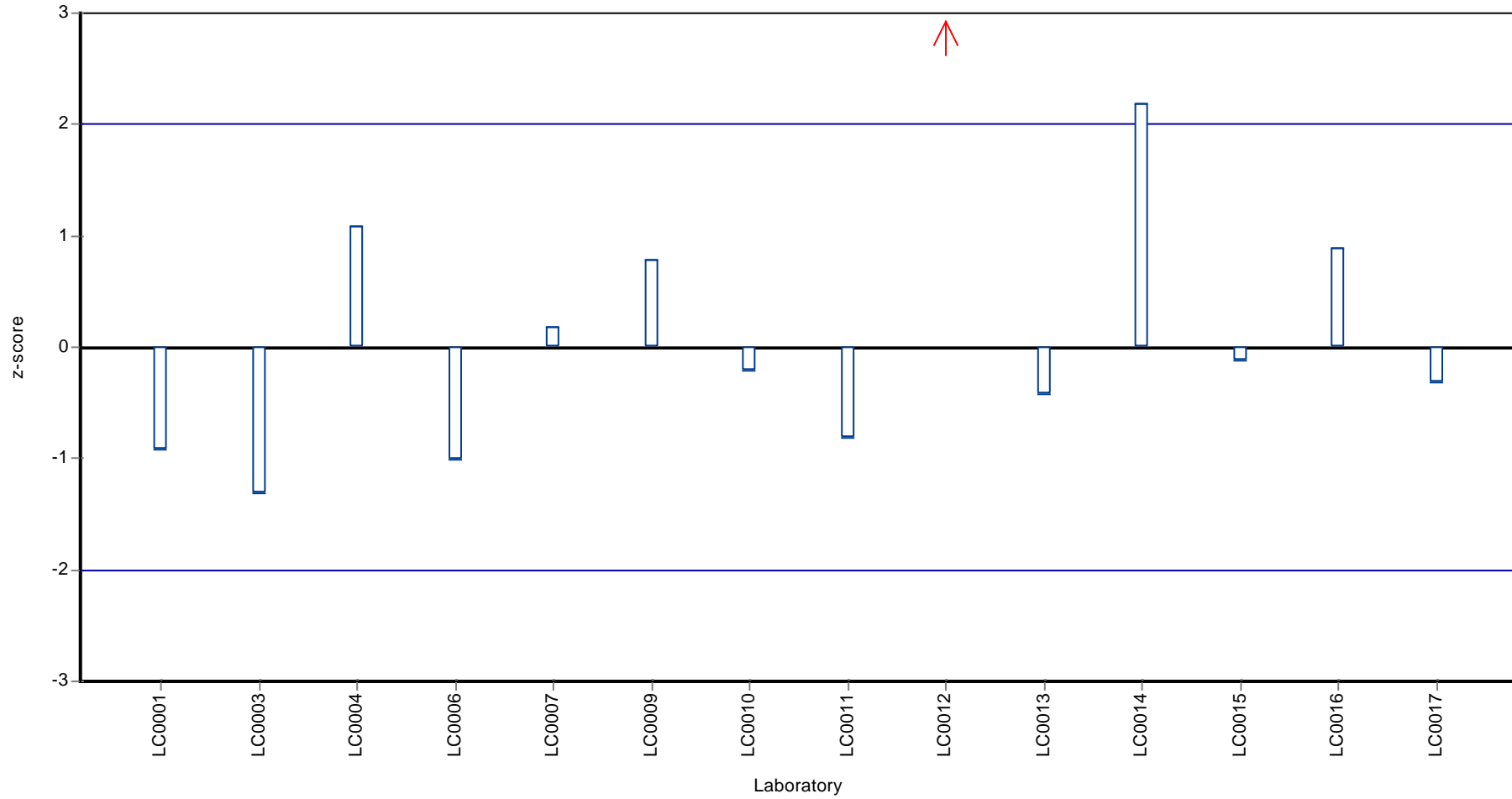
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H93 A

Sum Chlordane

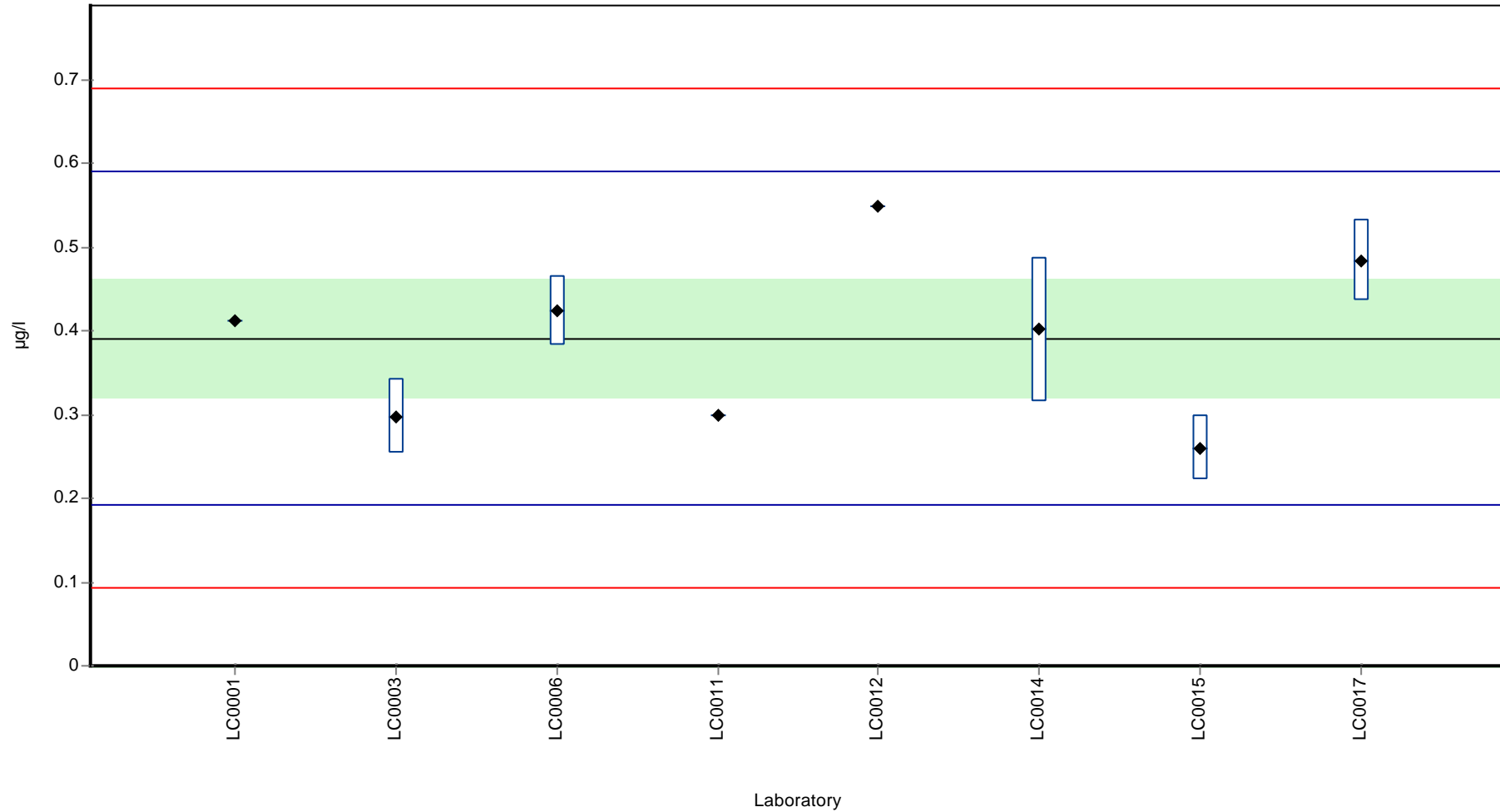
Unit	µg/l
Mean ± CI (99%)	0.391 ± 0.105
Minimum - Maximum	0.26 - 0.548
Check value ± U	0.39

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.412	-	105.4	0.2	
LC0002	-	-	-	-	
LC0003	0.298	0.0447	76.2	-0.9	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	0.424	0.042	108.5	0.3	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.299	-	76.5	-0.9	
LC0012	0.548	-	140.2	1.6	
LC0013	-	-	-	-	
LC0014	0.402	0.086	102.8	0.1	
LC0015	0.260	0.039	66.5	-1.3	
LC0016	-	-	-	-	
LC0017	0.484	0.049	123.8	0.9	

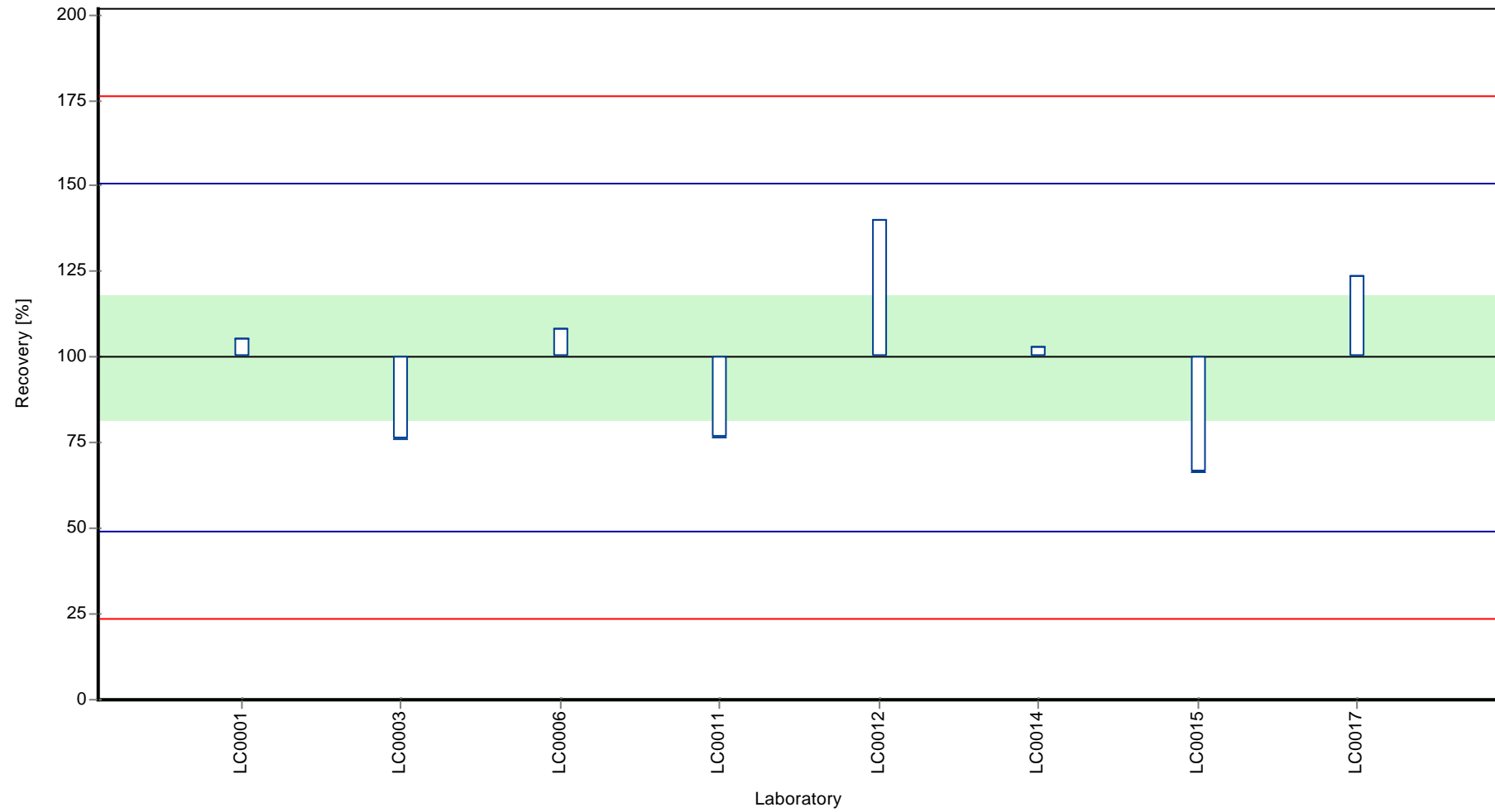
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.391 ± 0.105	0.391 ± 0.105	µg/l
Minimum	0.26	0.26	µg/l
Maximum	0.548	0.548	µg/l
Standard deviation	0.0994	0.0994	µg/l
rel. Standard deviation	25.4	25.4	%
n	8	8	-

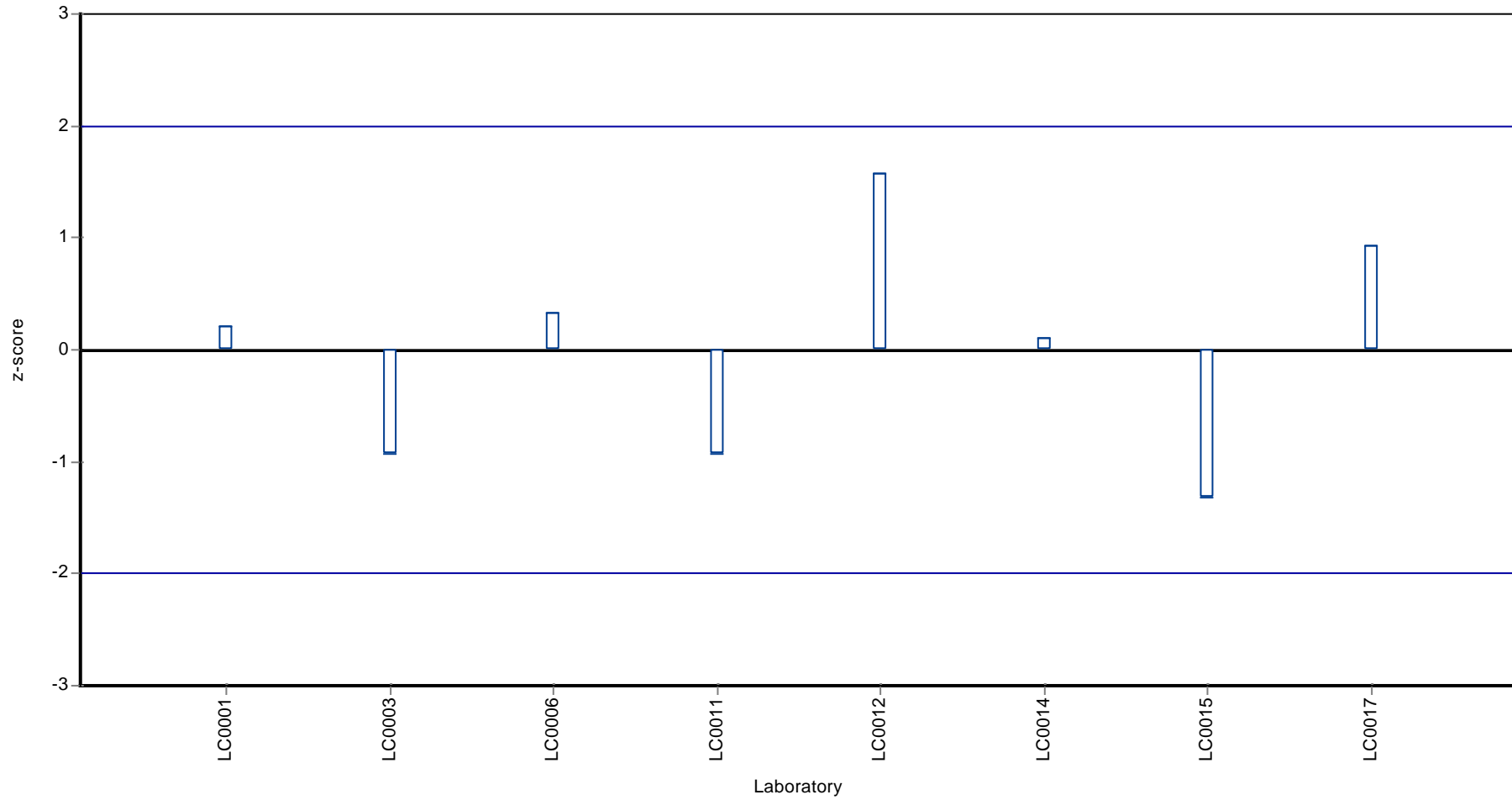
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H93 B

Sum Chlordane

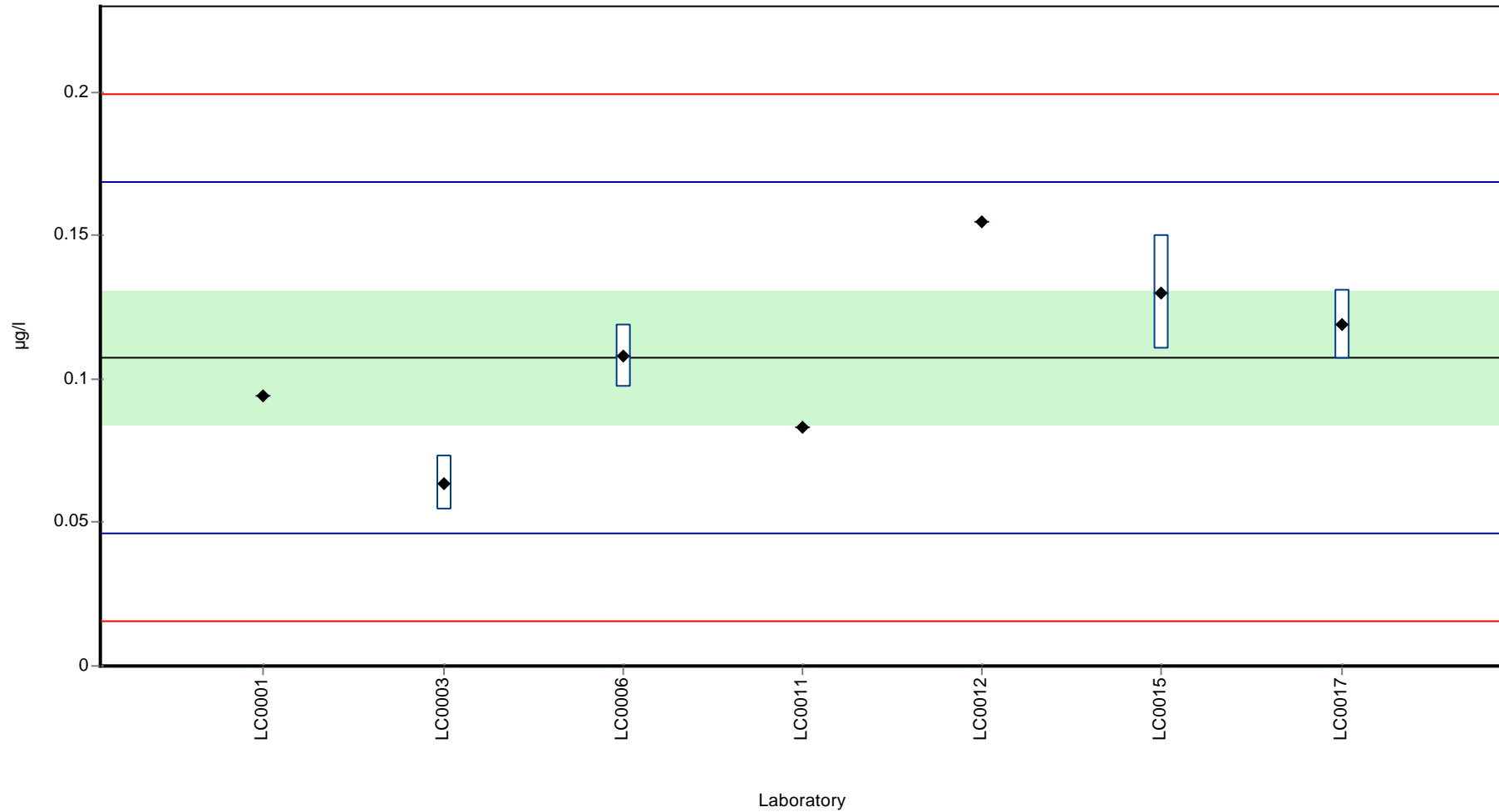
Unit	µg/l
Mean ± CI (99%)	0.108 ± 0.0347
Minimum - Maximum	0.0636 - 0.155
Check value ± U	0.085

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.094	-	87.4	-0.4	
LC0002	-	-	-	-	
LC0003	0.0636	0.0096	59.2	-1.4	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	0.108	0.011	100.5	0.0	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.083	-	77.2	-0.8	
LC0012	0.155	-	144.2	1.6	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	0.130	0.020	120.9	0.7	
LC0016	-	-	-	-	
LC0017	0.119	0.012	110.7	0.4	

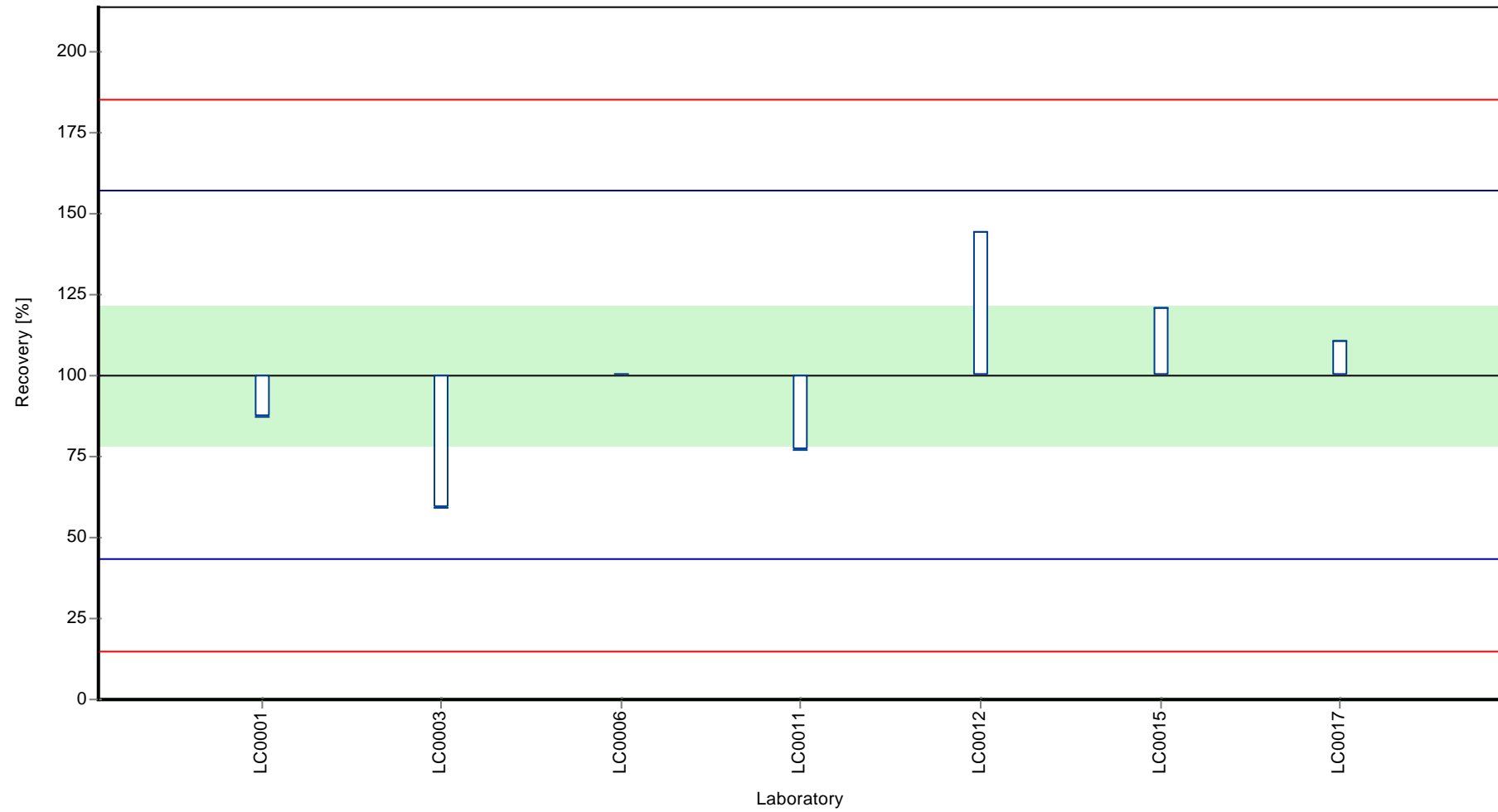
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.108 ± 0.0347	0.108 ± 0.0347	µg/l
Minimum	0.0636	0.0636	µg/l
Maximum	0.155	0.155	µg/l
Standard deviation	0.0306	0.0306	µg/l
rel. Standard deviation	28.4	28.4	%
n	7	7	-

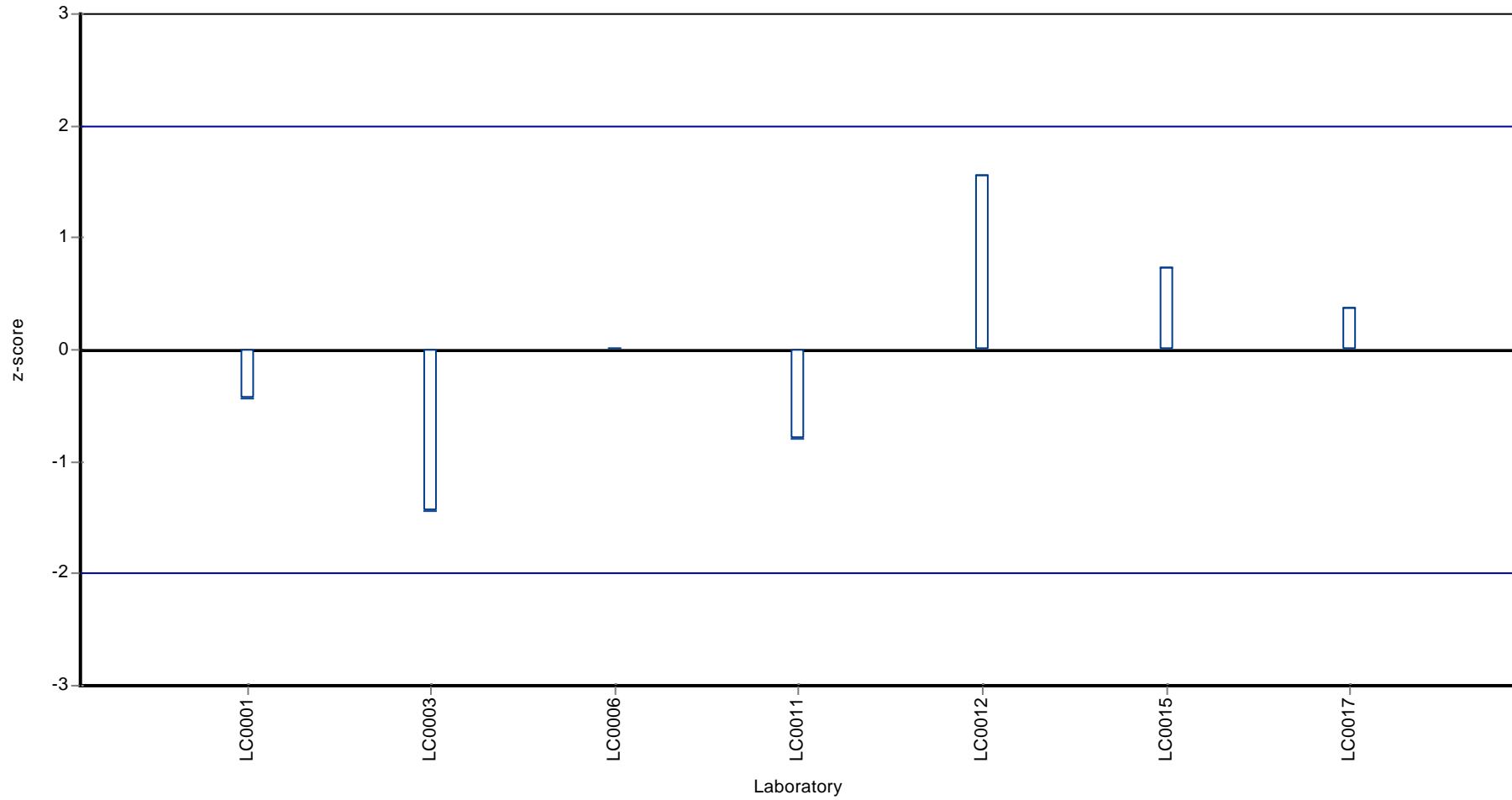
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H93 A

Sum DDD

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.149 - 0.245
Check value ± U	0.16

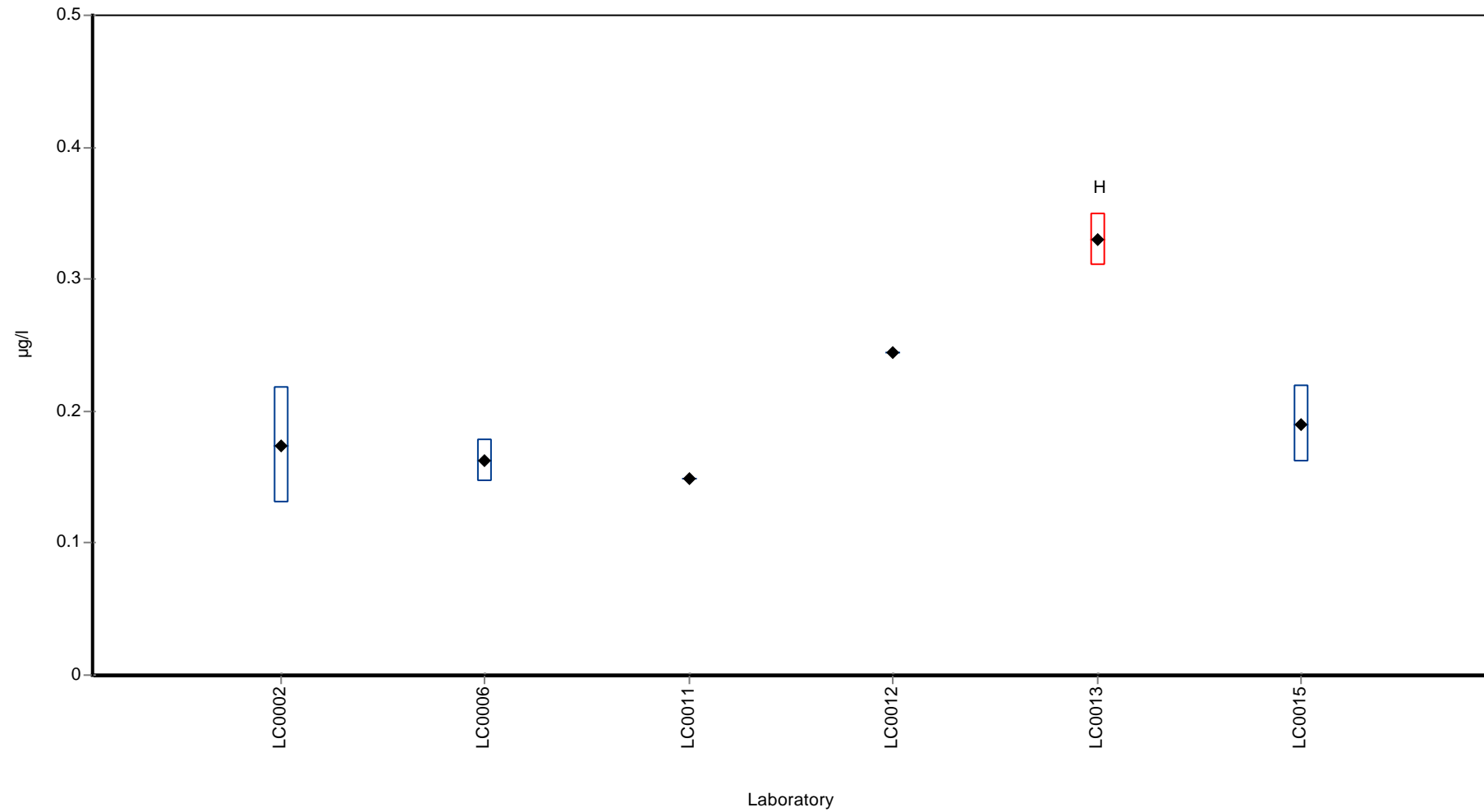
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.174	0.044	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	0.163	0.016	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.149	-	-	-	
LC0012	0.245	-	-	-	
LC0013	0.330	0.020	-	-	H
LC0014	-	-	-	-	
LC0015	0.190	0.029	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.208 ± 0.0835	-	µg/l
Minimum	0.149	0.149	µg/l
Maximum	0.33	0.245	µg/l
Standard deviation	0.0682	-	µg/l
rel. Standard deviation	32.7	-	%
n	6	5	-

Graphical presentation of results

Results



Parameter oriented report

H93 B

Sum DDD

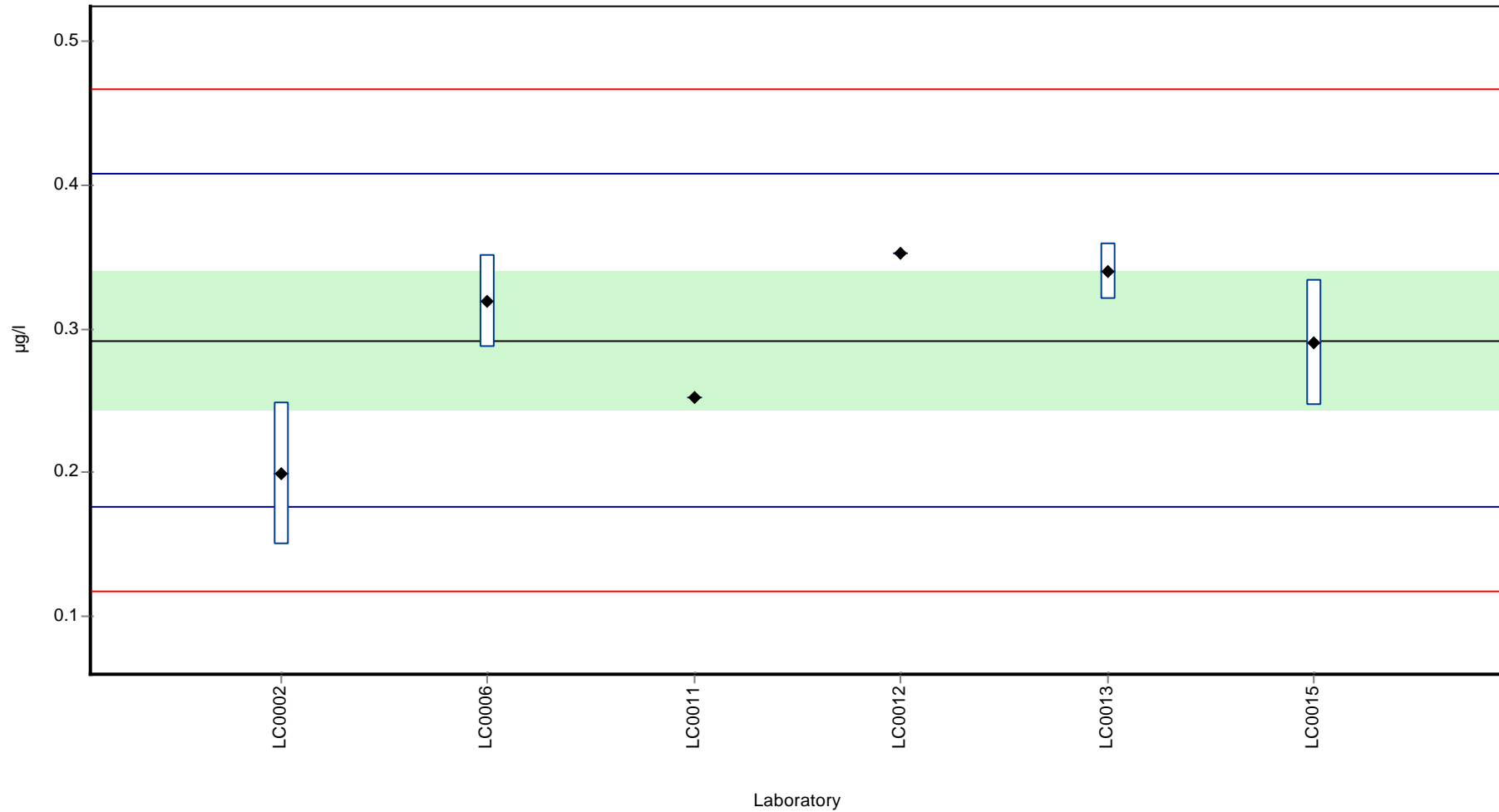
Unit	µg/l
Mean ± CI (99%)	0.292 ± 0.0712
Minimum - Maximum	0.199 - 0.352
Check value ± U	0.32

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	0.199	0.050	68.2	-1.6	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	0.319	0.032	109.2	0.5	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.252	-	86.3	-0.7	
LC0012	0.352	-	120.5	1.0	
LC0013	0.340	0.020	116.4	0.8	
LC0014	-	-	-	-	
LC0015	0.290	0.044	99.3	0.0	
LC0016	-	-	-	-	
LC0017	-	-	-	-	

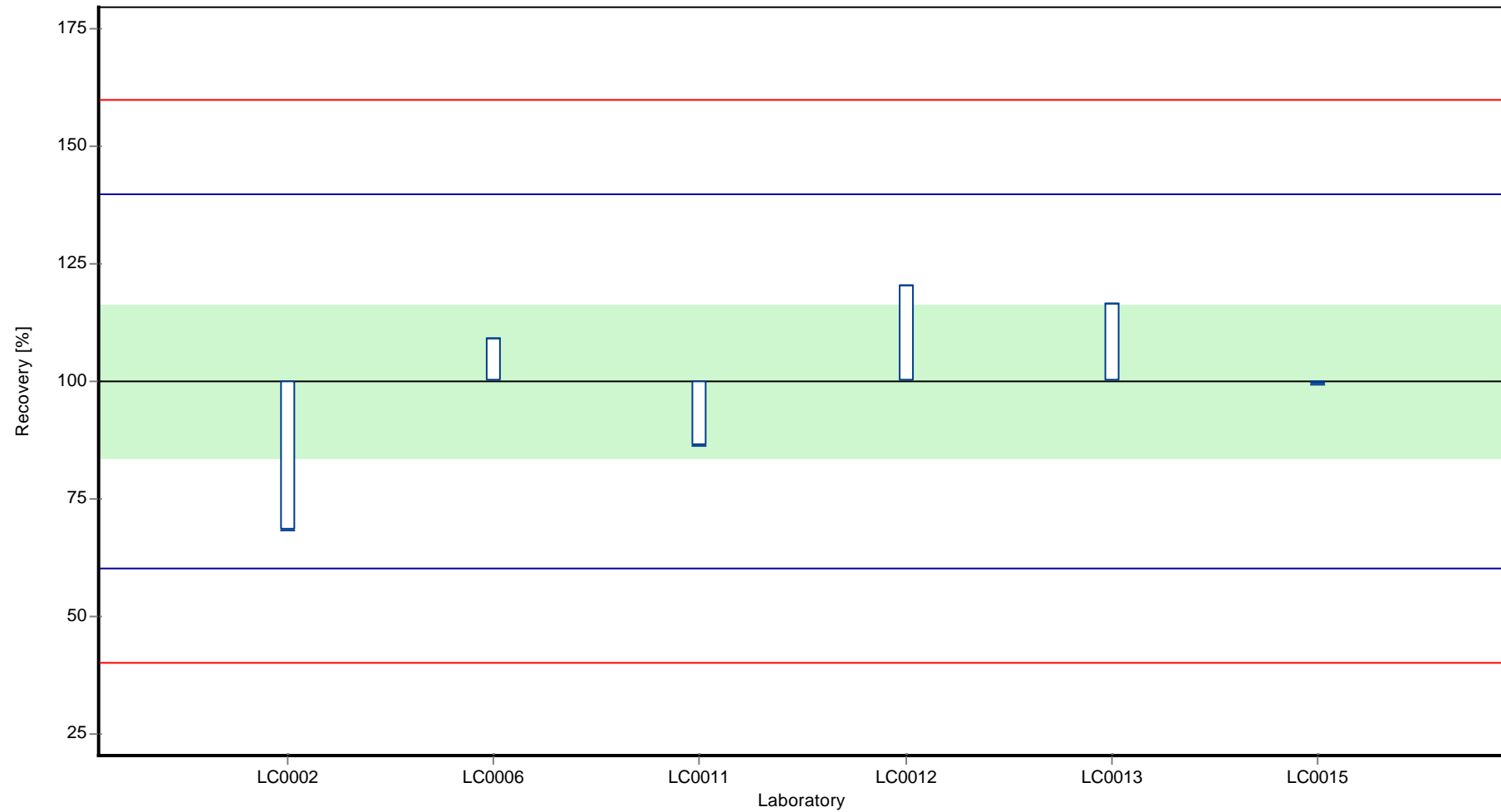
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.292 ± 0.0712	0.292 ± 0.0712	µg/l
Minimum	0.199	0.199	µg/l
Maximum	0.352	0.352	µg/l
Standard deviation	0.0581	0.0581	µg/l
rel. Standard deviation	19.9	19.9	%
n	6	6	-

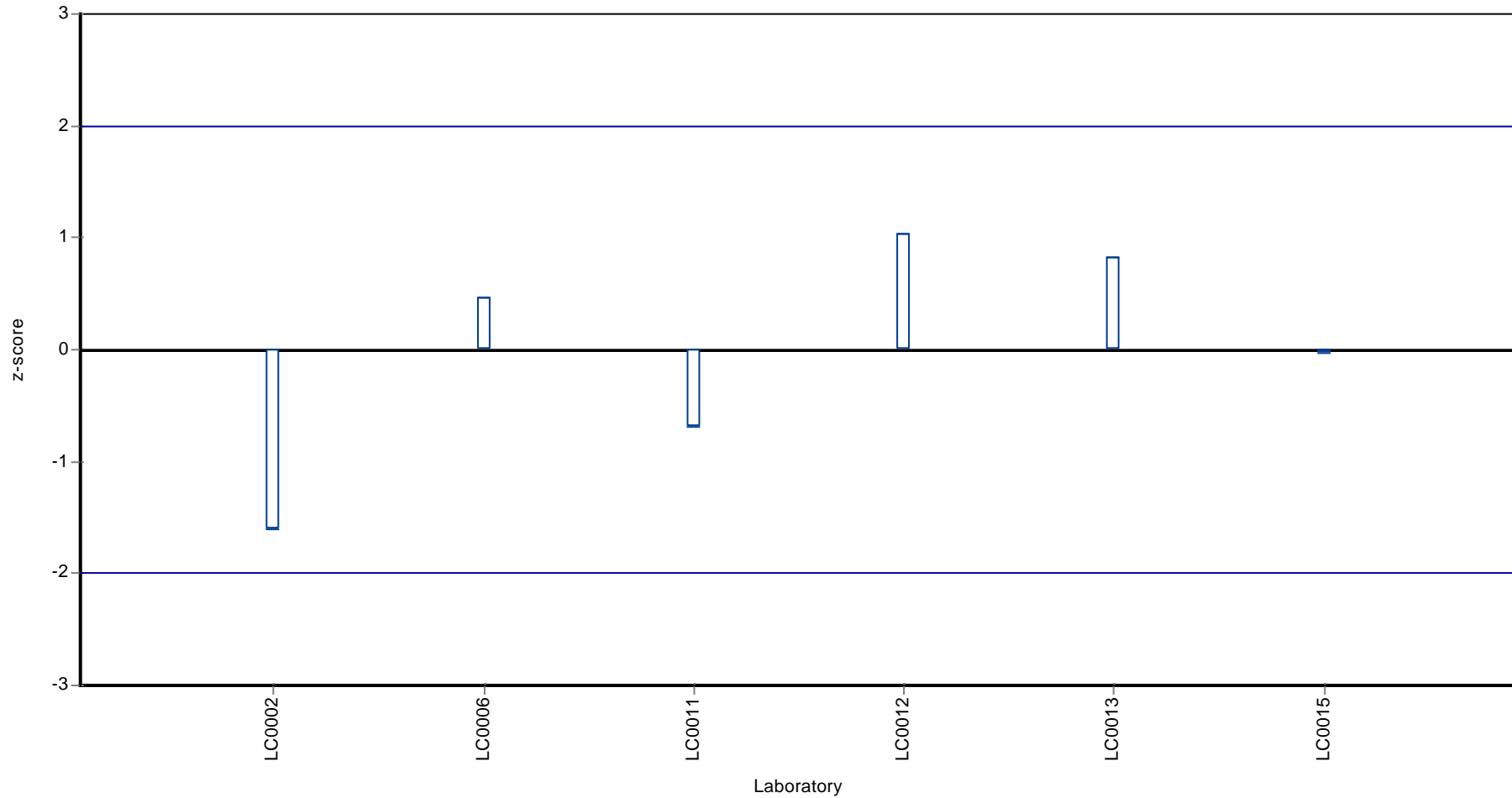
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H93 A

Sum DDE

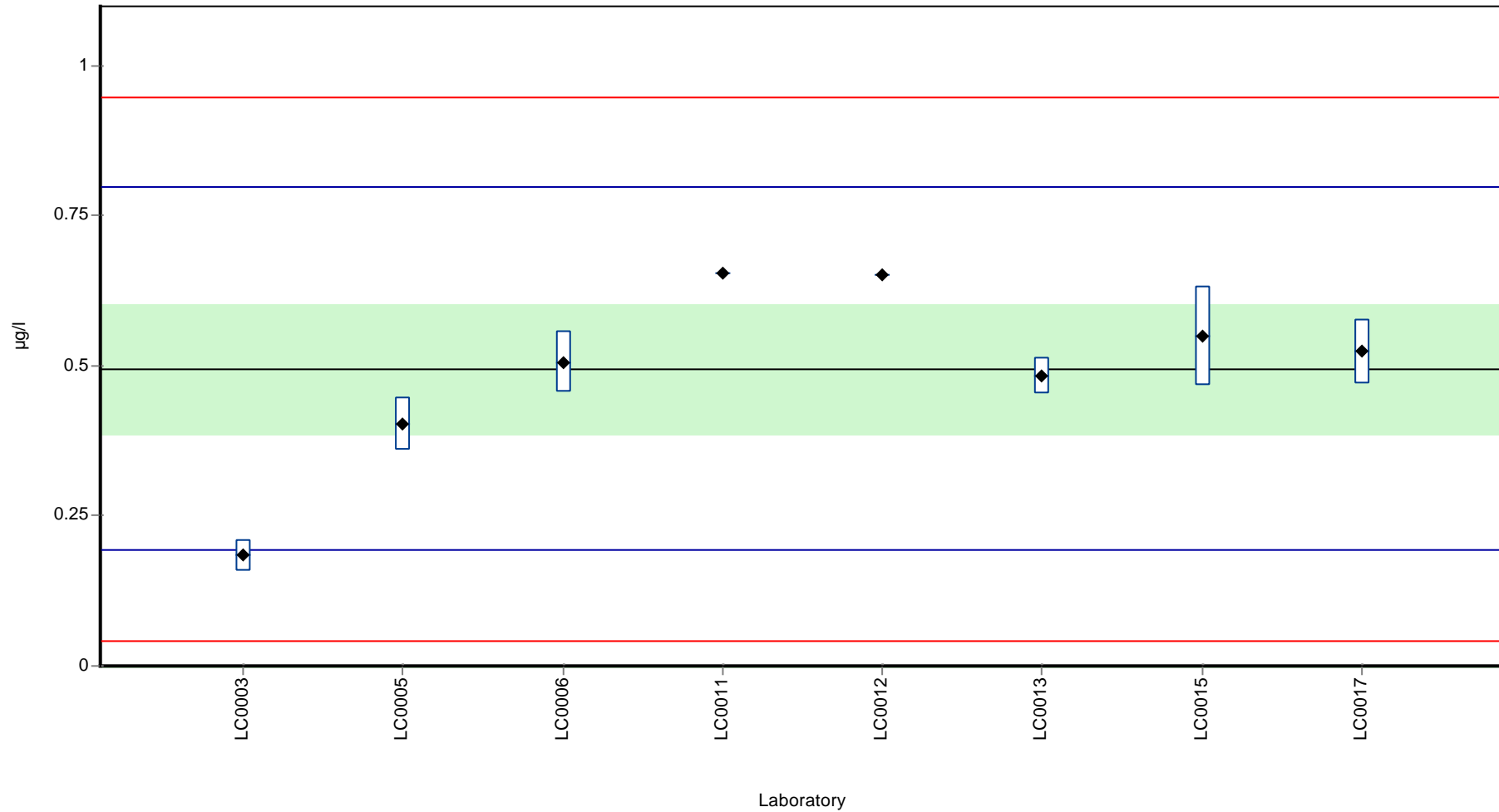
Unit	µg/l
Mean ± CI (99%)	0.494 ± 0.16
Minimum - Maximum	0.1835 - 0.654
Check value ± U	0.50

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.1835	0.0275	37.1	-2.1	
LC0004	-	-	-	-	
LC0005	0.403	0.044	81.5	-0.6	
LC0006	0.506	0.051	102.4	0.1	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.654	-	132.3	1.1	
LC0012	0.652	-	131.9	1.0	
LC0013	0.483	0.030	97.7	-0.1	
LC0014	-	-	-	-	
LC0015	0.550	0.083	111.3	0.4	
LC0016	-	-	-	-	
LC0017	0.523	0.053	105.8	0.2	

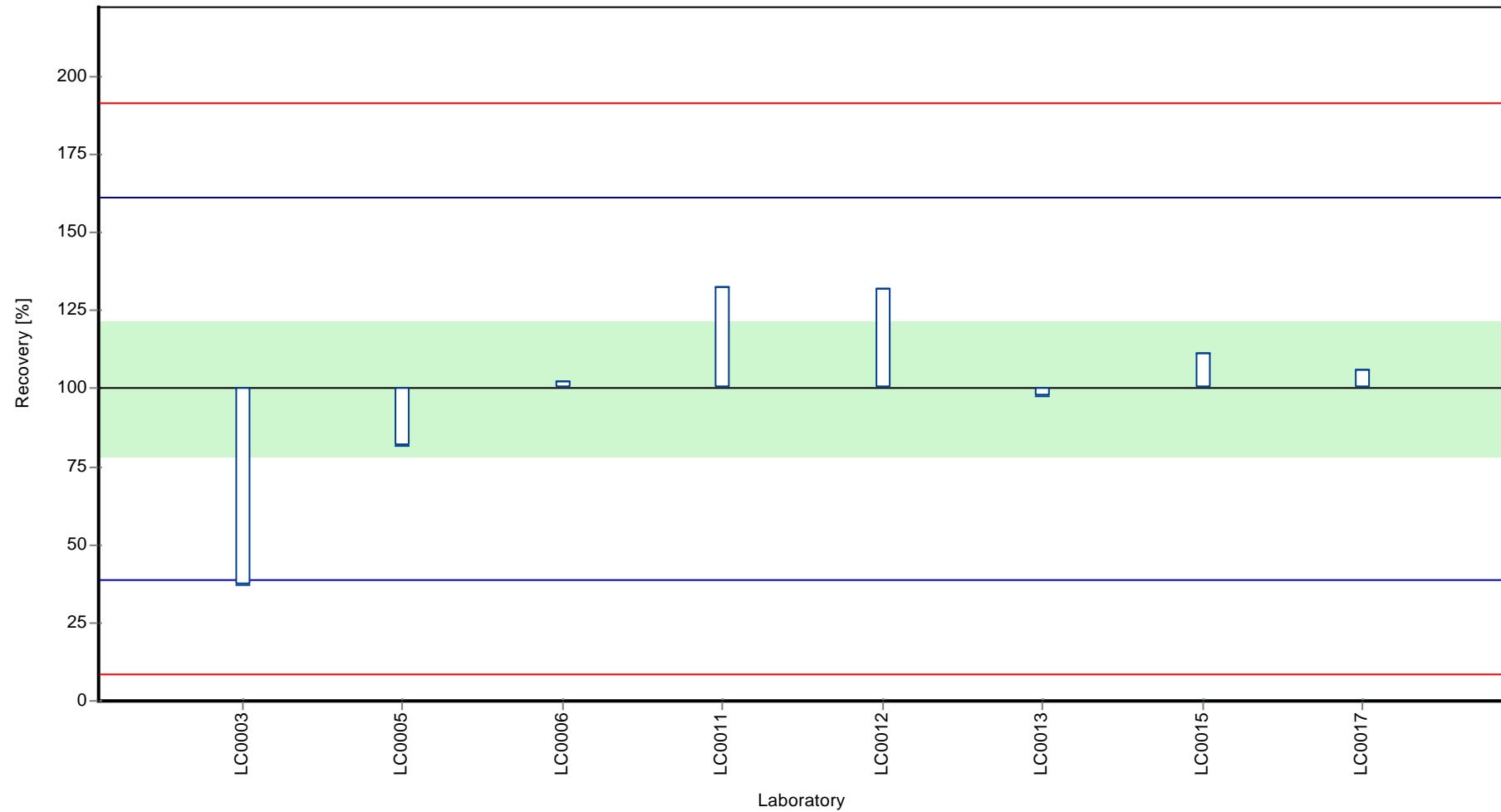
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.494 ± 0.16	0.494 ± 0.16	µg/l
Minimum	0.183	0.183	µg/l
Maximum	0.654	0.654	µg/l
Standard deviation	0.151	0.151	µg/l
rel. Standard deviation	30.5	30.5	%
n	8	8	-

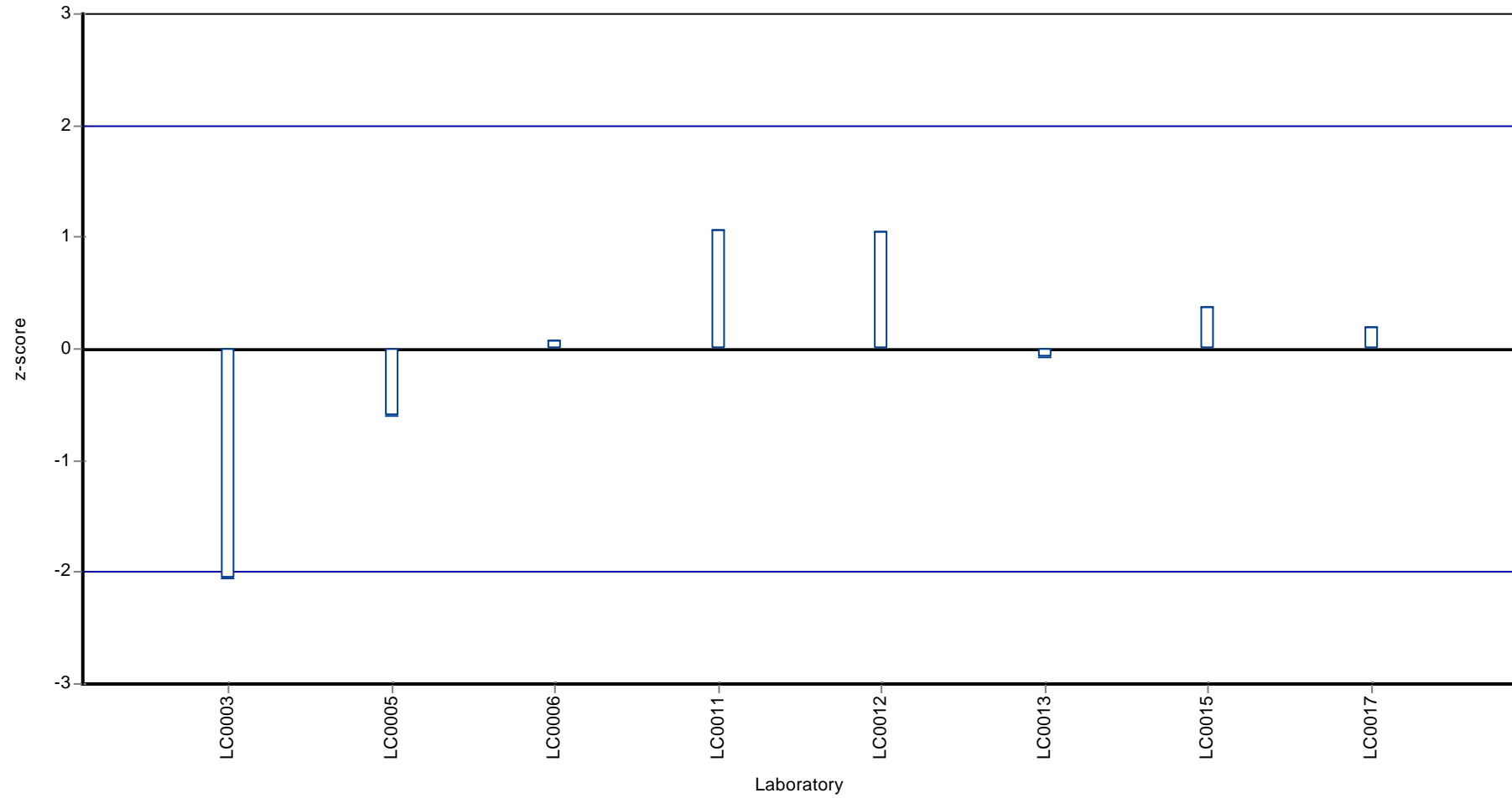
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H93 B

Sum DDE

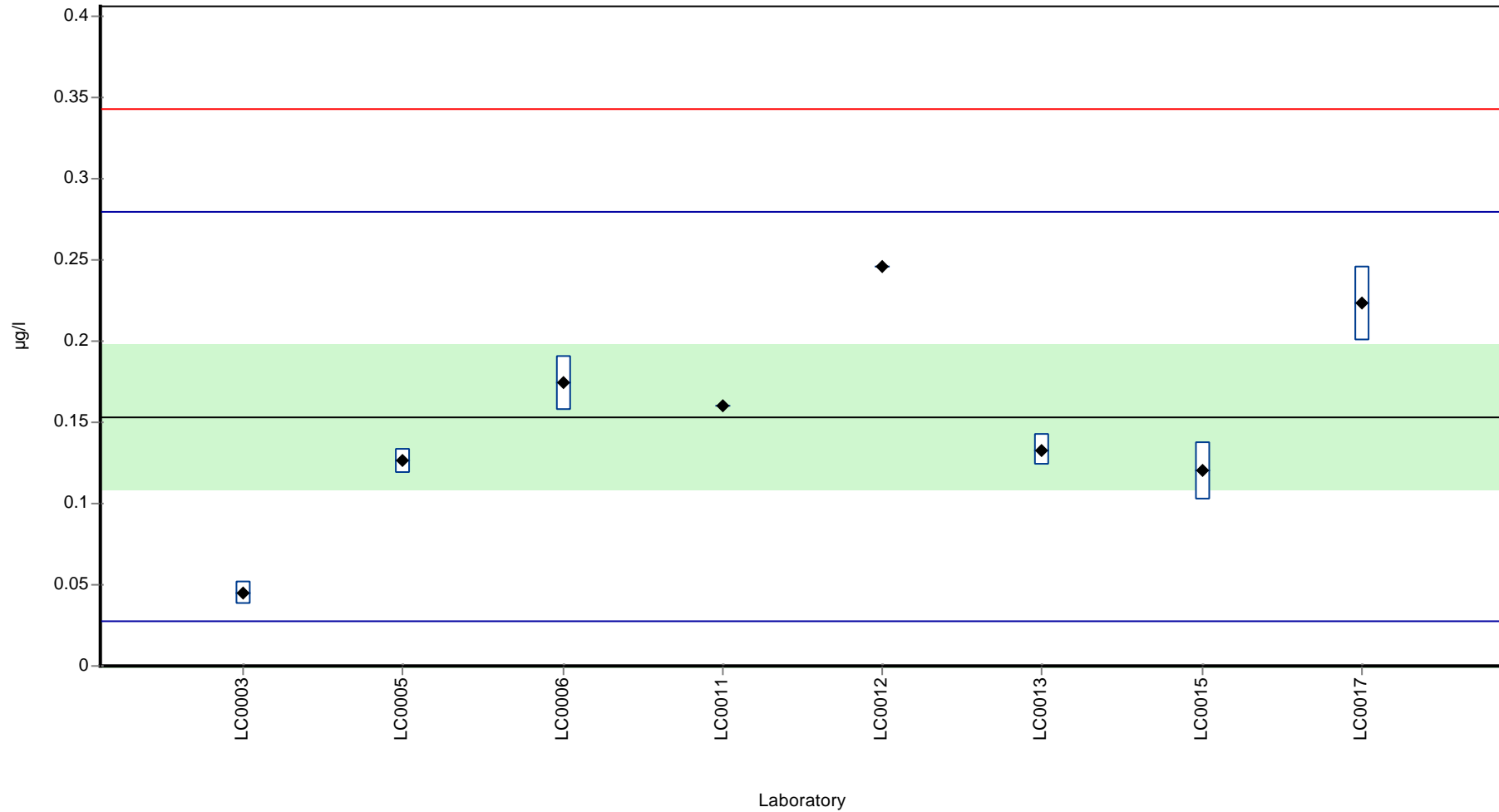
Unit	µg/l
Mean ± CI (99%)	0.153 ± 0.067
Minimum - Maximum	0.045 - 0.246
Check value ± U	0.14

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.045	0.007	29.3	-1.7	
LC0004	-	-	-	-	
LC0005	0.126	0.008	82.2	-0.4	
LC0006	0.174	0.017	113.4	0.3	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.160	-	104.3	0.1	
LC0012	0.246	-	160.4	1.5	
LC0013	0.133	0.010	86.7	-0.3	
LC0014	-	-	-	-	
LC0015	0.120	0.018	78.2	-0.5	
LC0016	-	-	-	-	
LC0017	0.223	0.023	145.4	1.1	

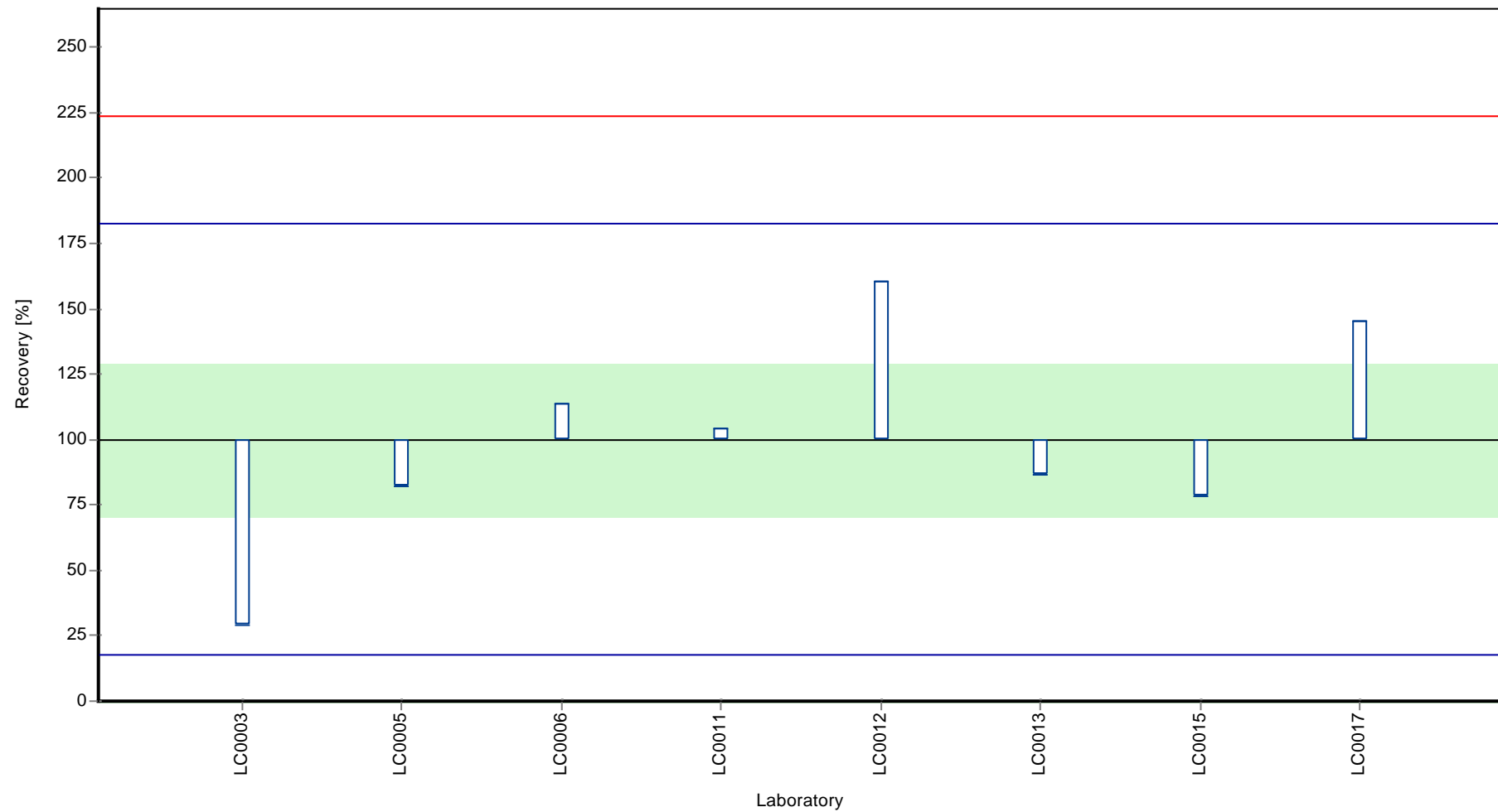
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.153 ± 0.067	0.153 ± 0.067	µg/l
Minimum	0.045	0.045	µg/l
Maximum	0.246	0.246	µg/l
Standard deviation	0.0632	0.0632	µg/l
rel. Standard deviation	41.2	41.2	%
n	8	8	-

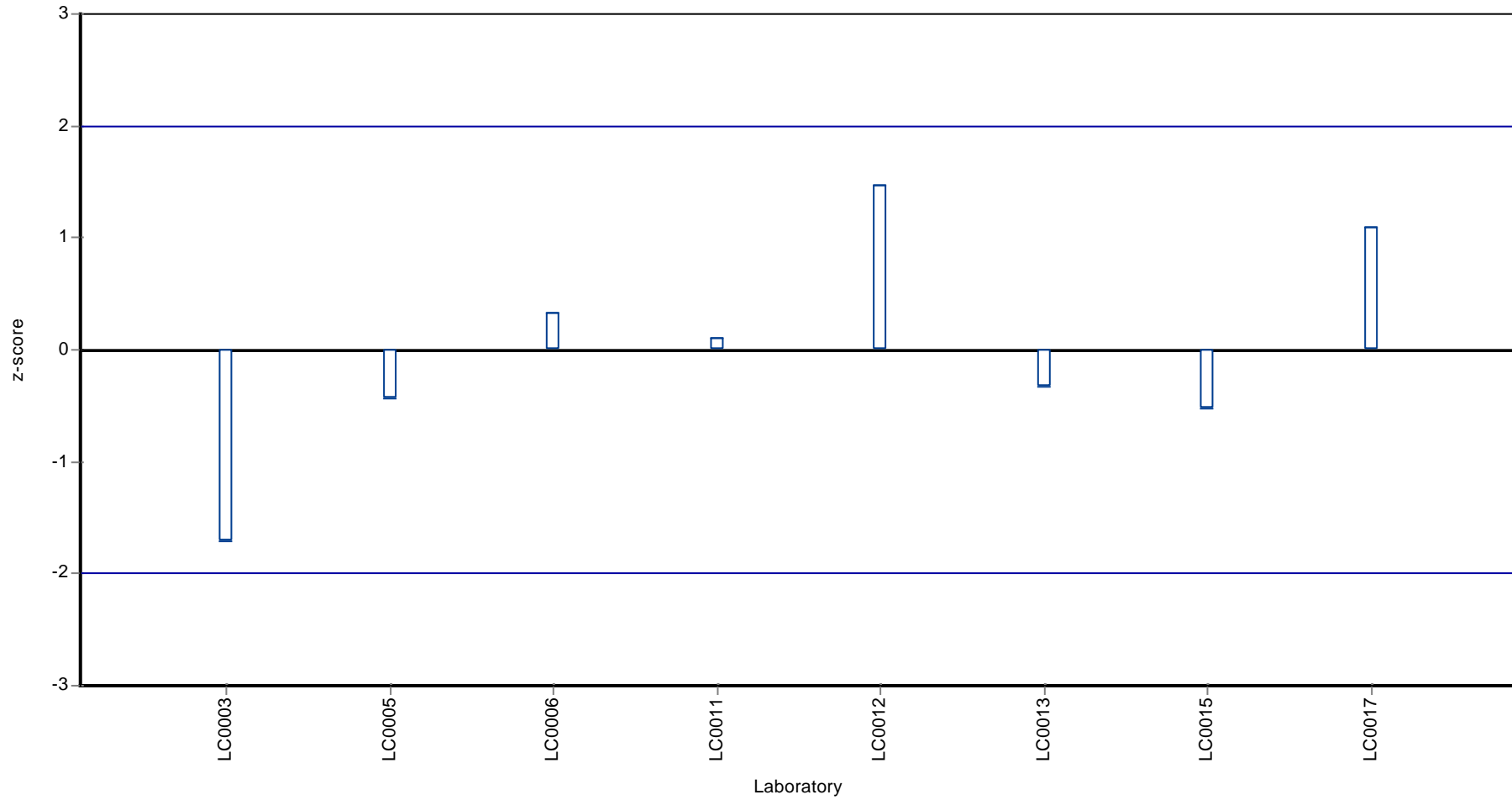
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H93 A

Sum DDT

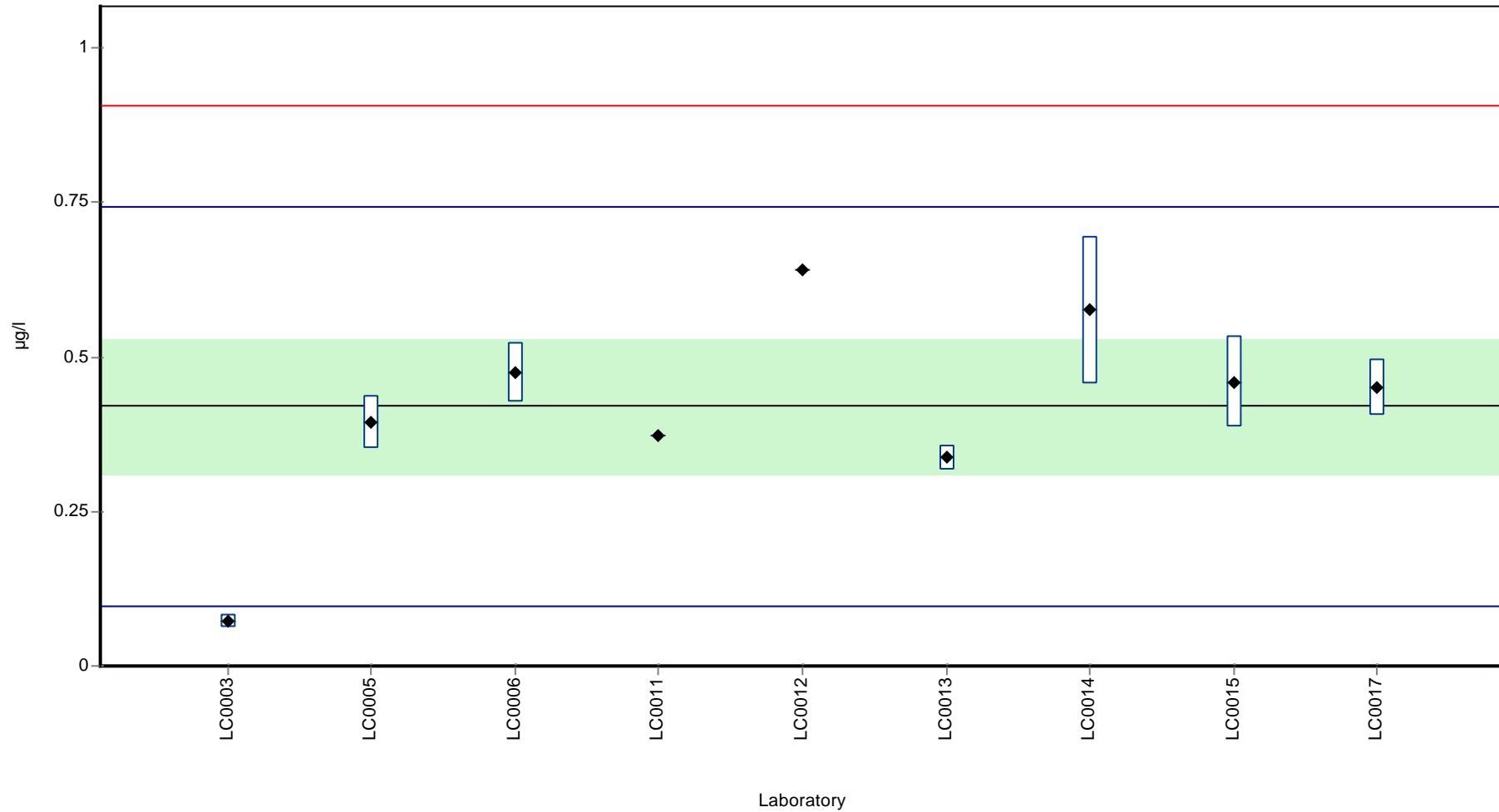
Unit	µg/l
Mean ± CI (99%)	0.42 ± 0.162
Minimum - Maximum	0.0725 - 0.642
Check value ± U	0.44

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.0725	0.0109	17.3	-2.1	
LC0004	-	-	-	-	
LC0005	0.394	0.042	93.8	-0.2	
LC0006	0.475	0.048	113.1	0.3	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.374	-	89.0	-0.3	
LC0012	0.642	-	152.8	1.4	
LC0013	0.337	0.020	80.2	-0.5	
LC0014	0.576	0.119	137.1	1.0	
LC0015	0.460	0.074	109.5	0.2	
LC0016	-	-	-	-	
LC0017	0.451	0.045	107.3	0.2	

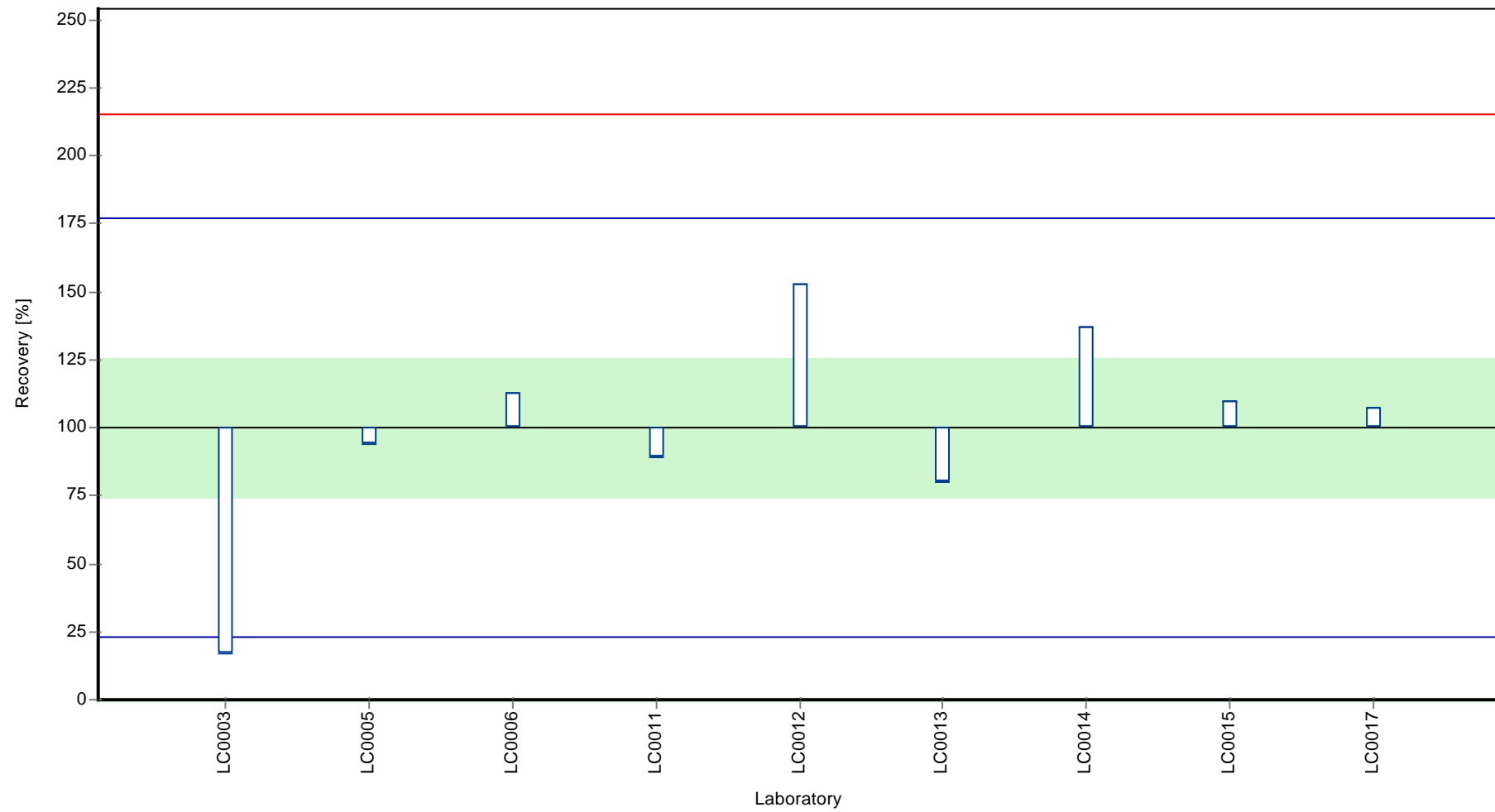
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.42 ± 0.162	0.42 ± 0.162	µg/l
Minimum	0.0725	0.0725	µg/l
Maximum	0.642	0.642	µg/l
Standard deviation	0.162	0.162	µg/l
rel. Standard deviation	38.5	38.5	%
n	9	9	-

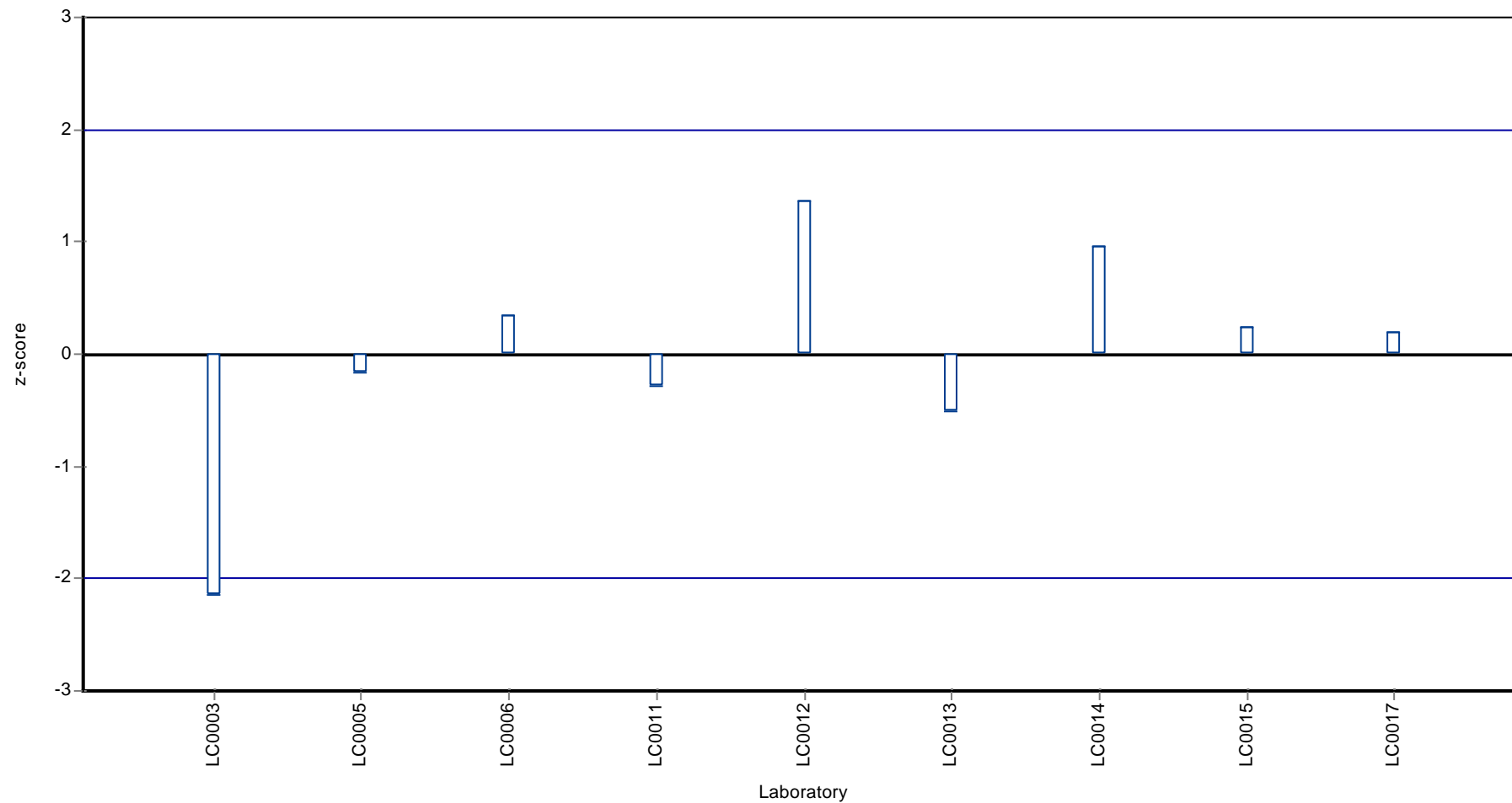
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H93 B

Sum DDT

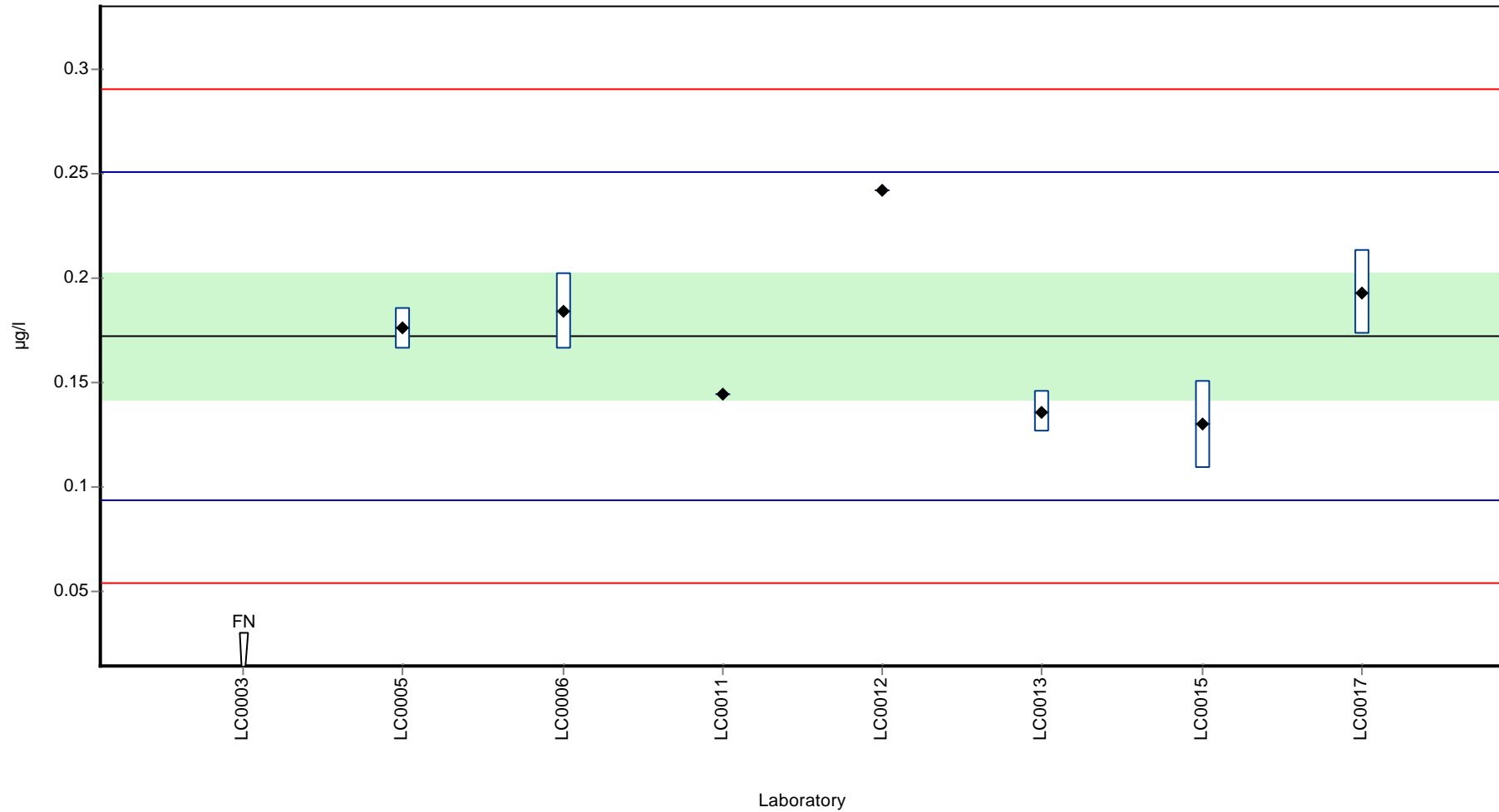
Unit	µg/l
Mean ± CI (99%)	0.172 ± 0.0447
Minimum - Maximum	0.13 - 0.242
Check value ± U	0.19

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	< 0.03 (LOQ)	-	-	-	FN
LC0004	-	-	-	-	
LC0005	0.176	0.010	102.2	0.1	
LC0006	0.184	0.018	106.9	0.3	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.144	-	83.7	-0.7	
LC0012	0.242	-	140.6	1.8	
LC0013	0.136	0.010	79.0	-0.9	
LC0014	-	-	-	-	
LC0015	0.130	0.021	75.5	-1.1	
LC0016	-	-	-	-	
LC0017	0.193	0.020	112.1	0.5	

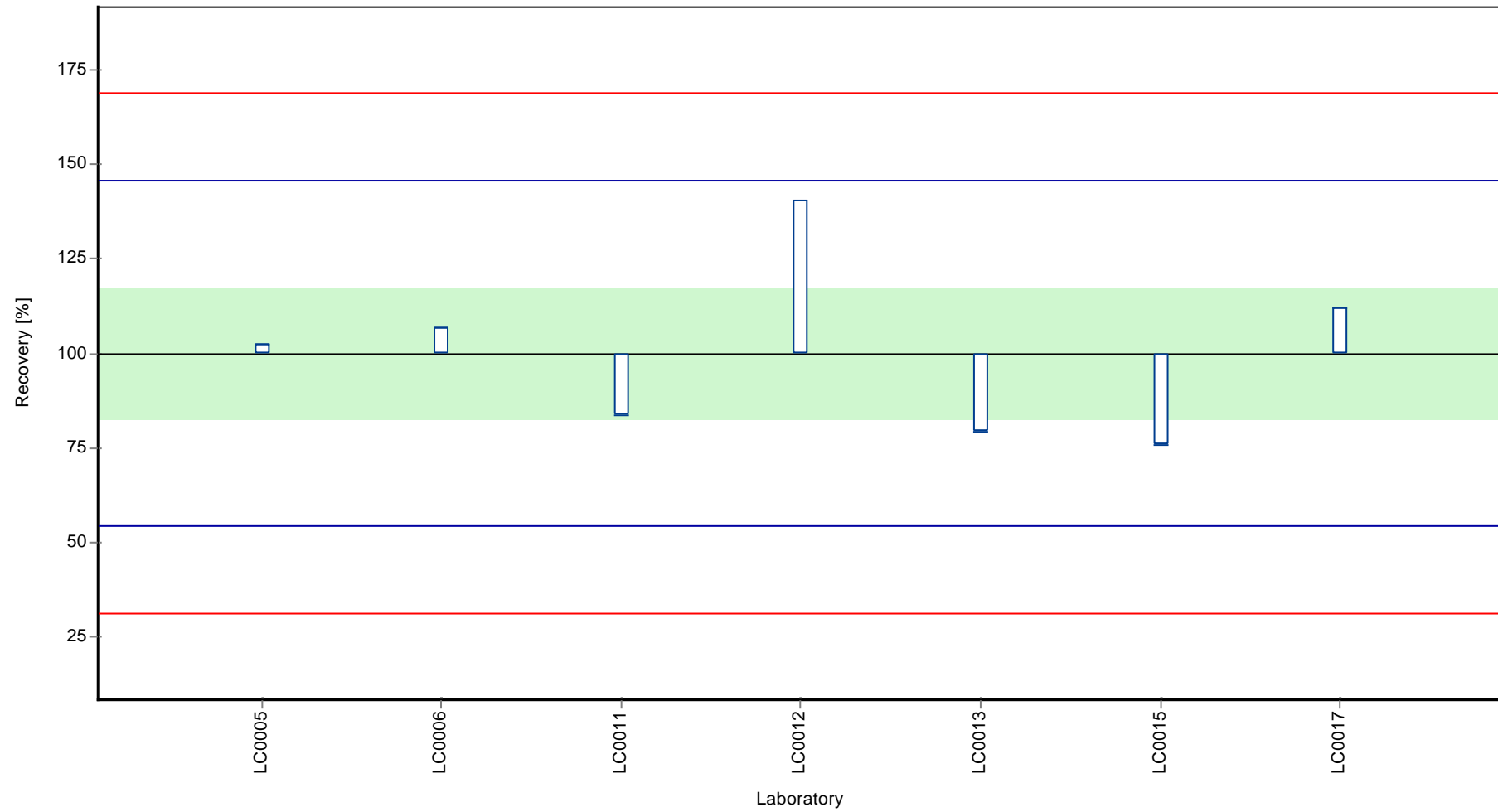
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.172 ± 0.0447	0.172 ± 0.0447	µg/l
Minimum	0.13	0.13	µg/l
Maximum	0.242	0.242	µg/l
Standard deviation	0.0395	0.0395	µg/l
rel. Standard deviation	22.9	22.9	%
n	7	7	-

Graphical presentation of results
Results



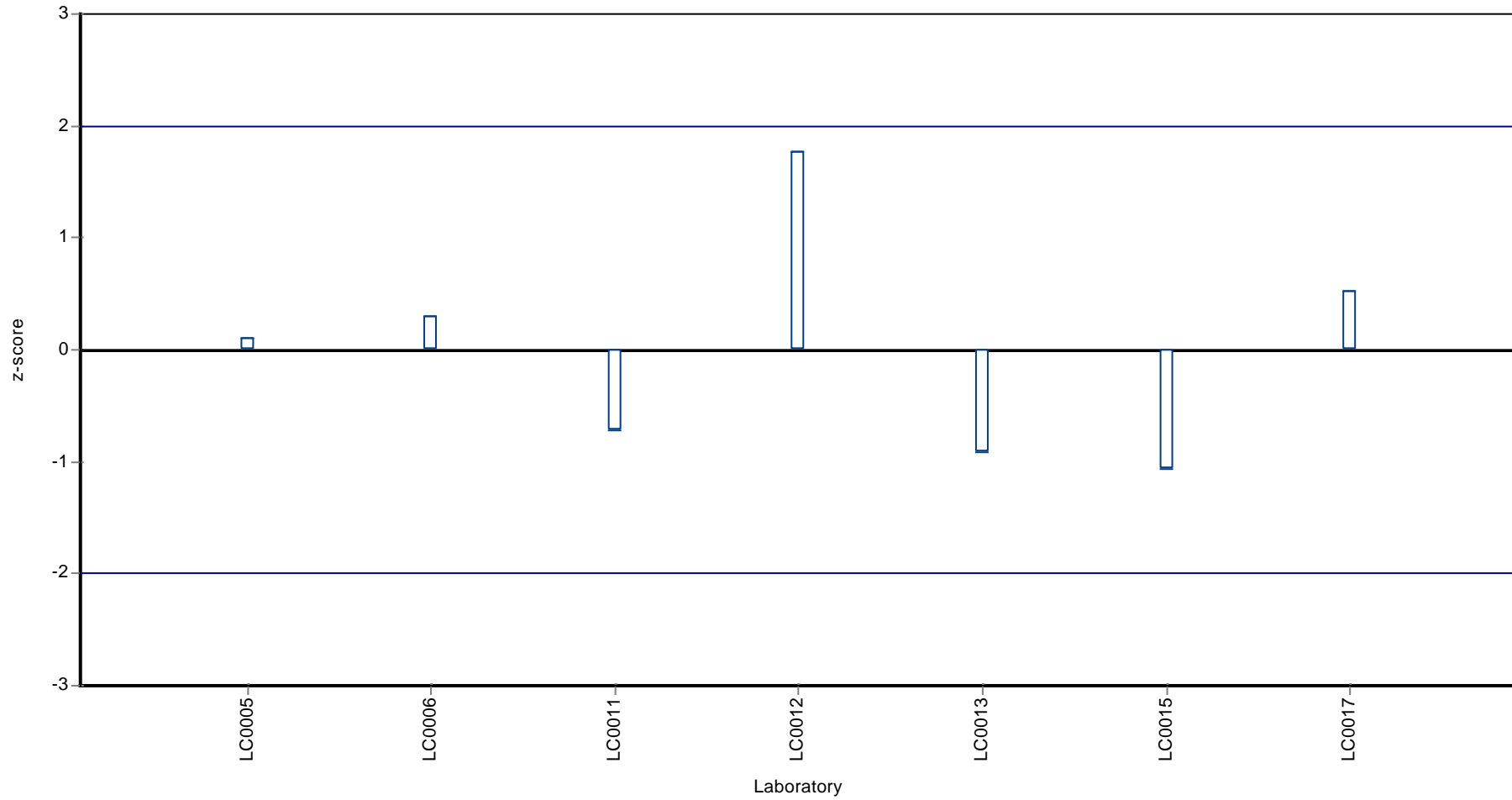
Recovery rate



Parameter oriented report Pesticides H93

Sample: H93B, Parameter: Sum DDT

Z-score



Parameter oriented report

H93 A

Sum Endosulfan

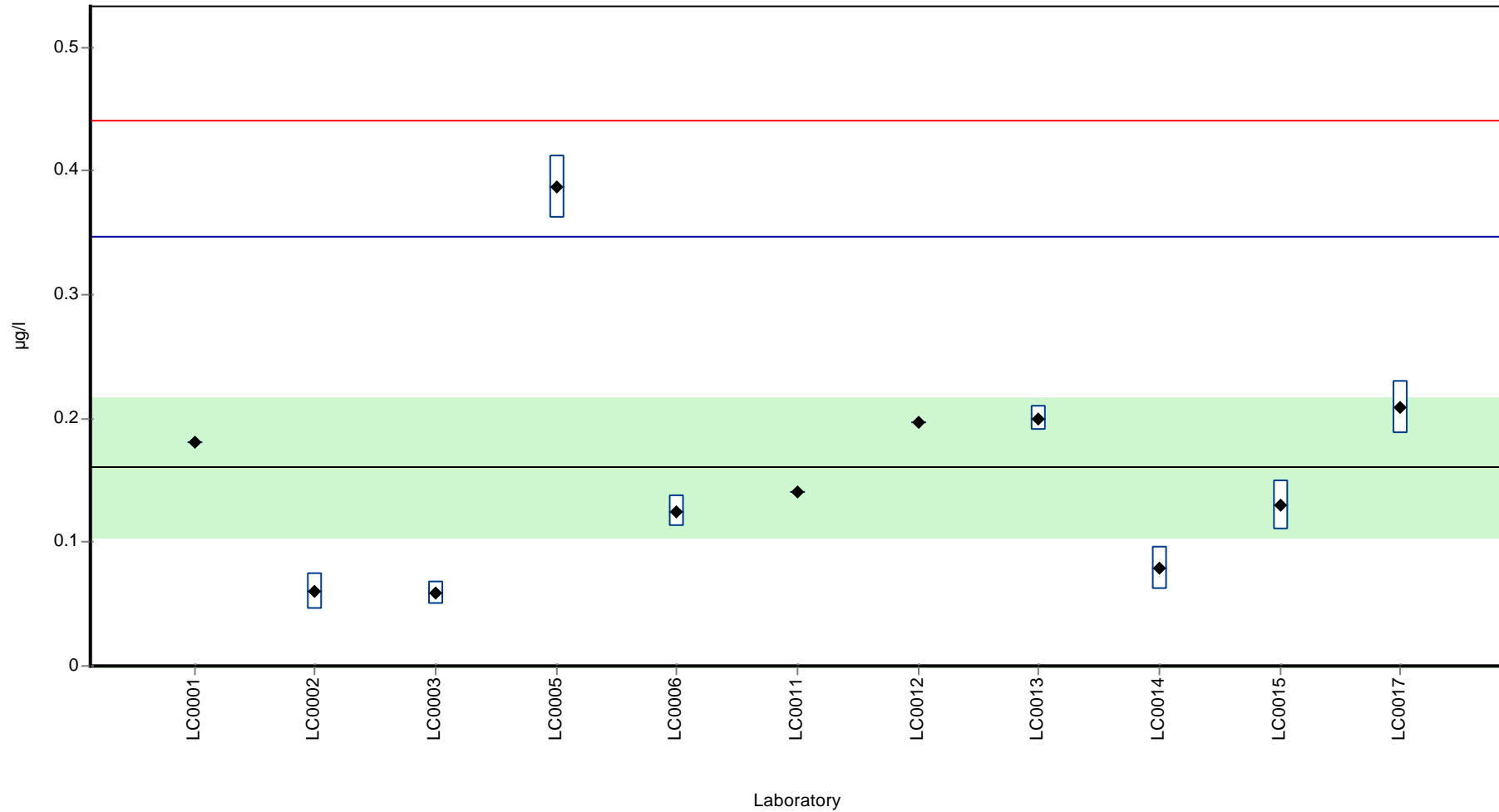
Unit	µg/l
Mean ± CI (99%)	0.161 ± 0.0842
Minimum - Maximum	0.059 - 0.387
Check value ± U	0.12

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.181	-	112.6	0.2	
LC0002	0.060	0.015	37.3	-1.1	
LC0003	0.059	0.009	36.7	-1.1	
LC0004	-	-	-	-	
LC0005	0.387	0.025	240.8	2.4	
LC0006	0.125	0.013	77.8	-0.4	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.141	-	87.7	-0.2	
LC0012	0.197	-	122.6	0.4	
LC0013	0.200	0.010	124.4	0.4	
LC0014	0.079	0.018	49.2	-0.9	
LC0015	0.130	0.020	80.9	-0.3	
LC0016	-	-	-	-	
LC0017	0.209	0.021	130.0	0.5	

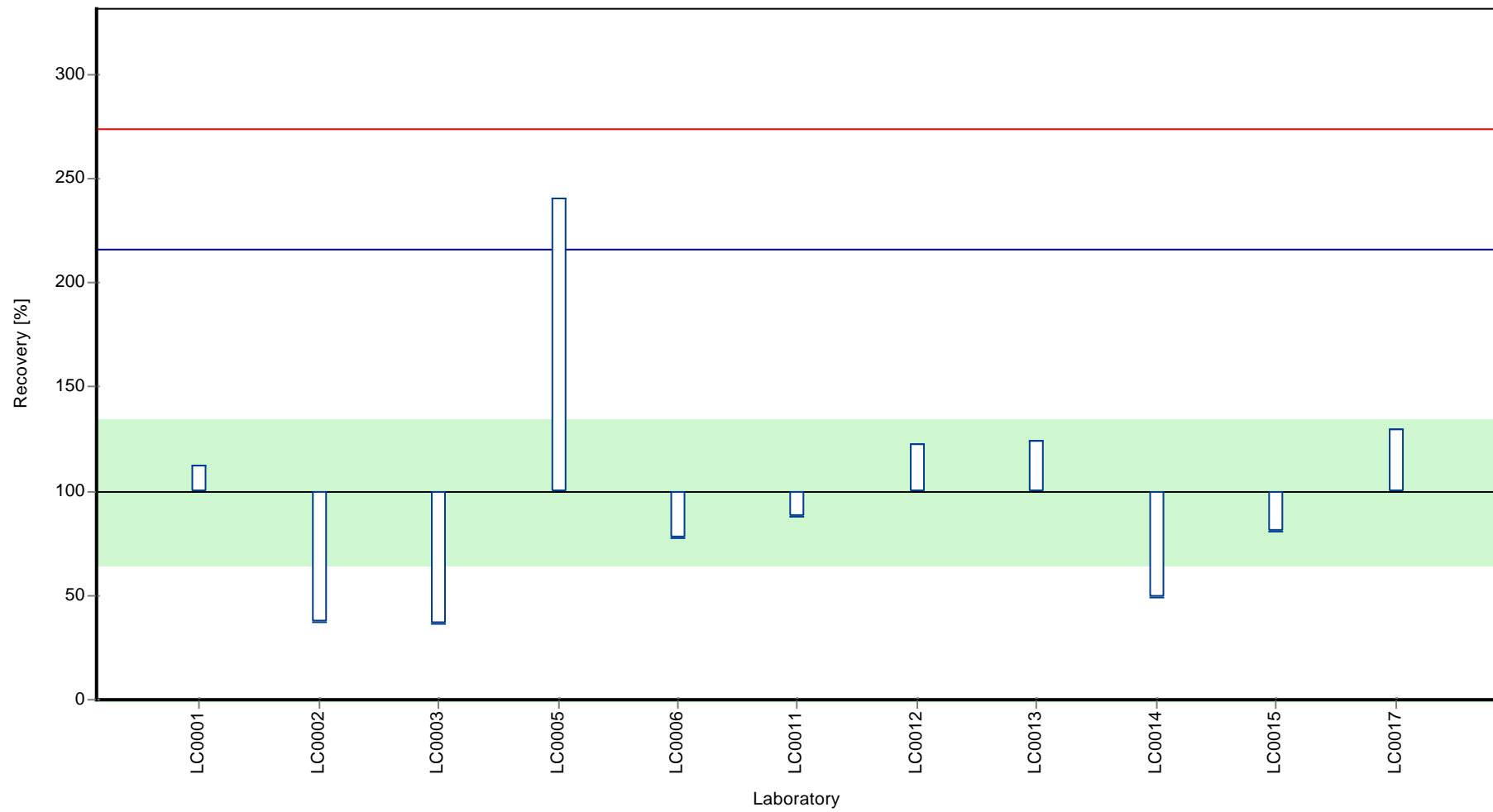
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.161 ± 0.0842	0.161 ± 0.0842	µg/l
Minimum	0.059	0.059	µg/l
Maximum	0.387	0.387	µg/l
Standard deviation	0.093	0.093	µg/l
rel. Standard deviation	57.9	57.9	%
n	11	11	-

Graphical presentation of results
Results



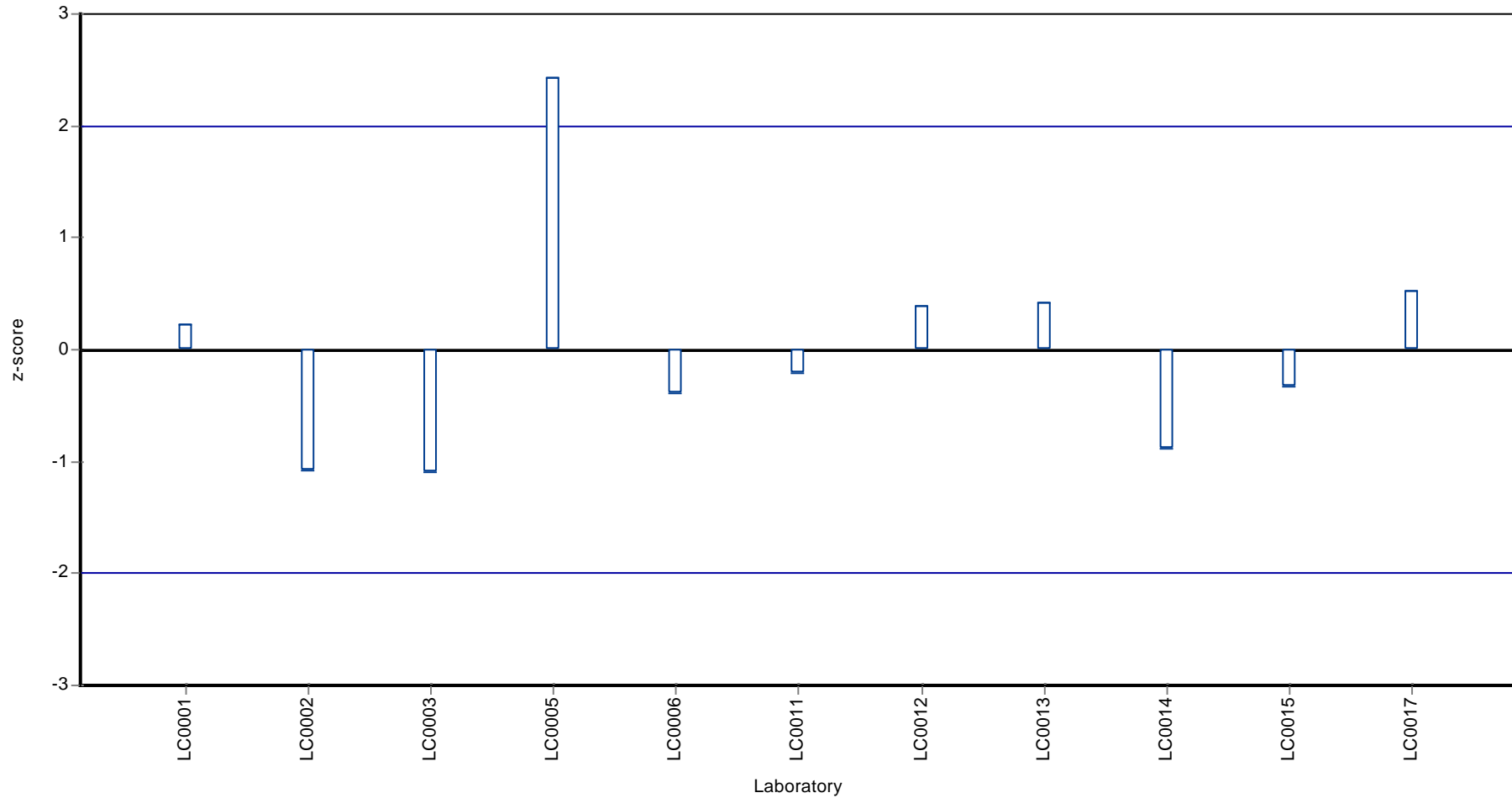
Recovery rate



Parameter oriented report Pesticides H93

Sample: H93A, Parameter: Sum Endosulfan

Z-score



Parameter oriented report

H93 B

Sum Endosulfan

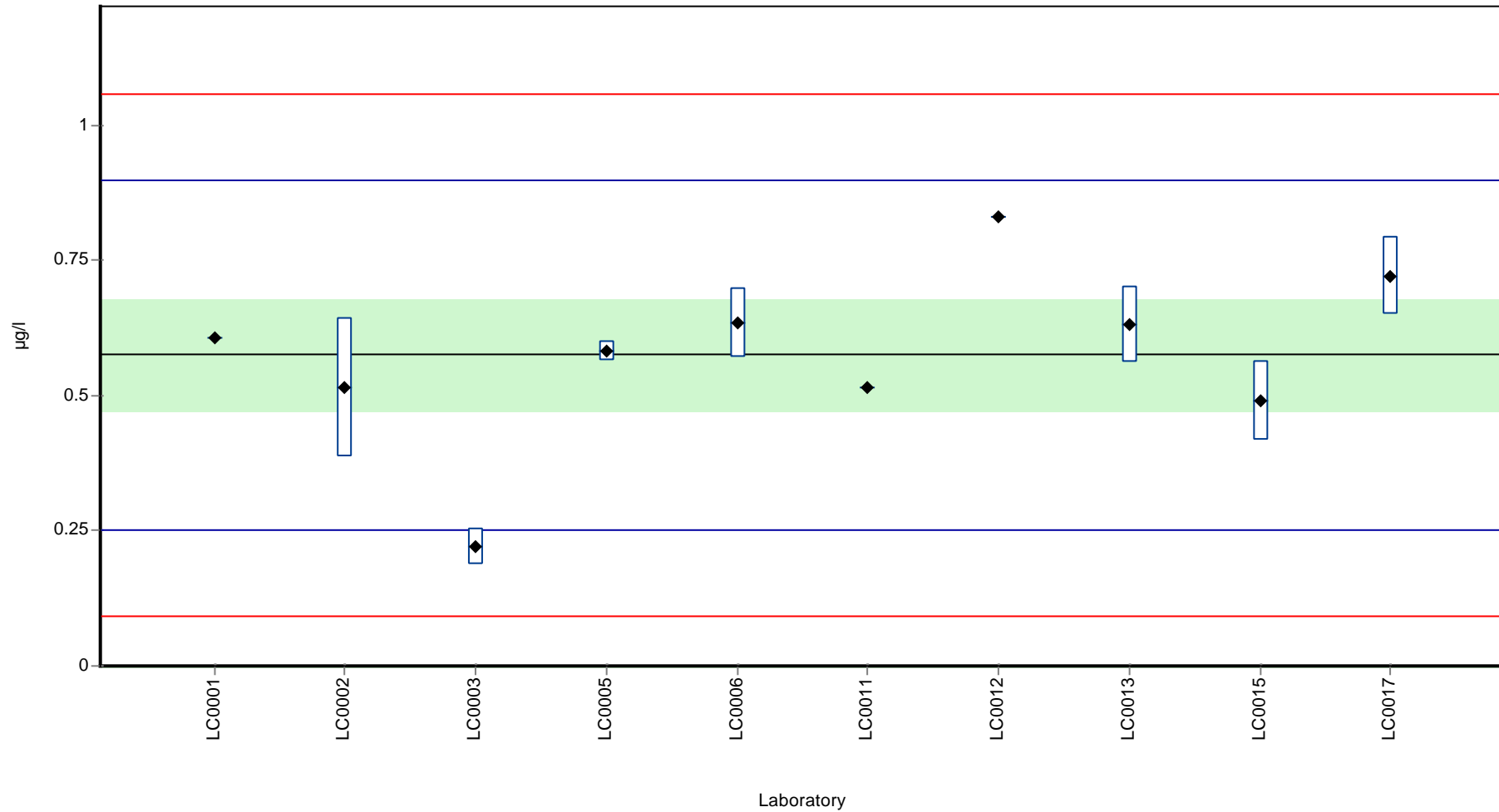
Unit	µg/l
Mean ± CI (99%)	0.575 ± 0.153
Minimum - Maximum	0.2205 - 0.83
Check value ± U	0.60

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.607	-	105.6	0.2	
LC0002	0.516	0.129	89.8	-0.4	
LC0003	0.2205	0.033	38.4	-2.2	
LC0004	-	-	-	-	
LC0005	0.583	0.019	101.4	0.1	
LC0006	0.635	0.064	110.5	0.4	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.515	-	89.6	-0.4	
LC0012	0.830	-	144.4	1.6	
LC0013	0.631	0.070	109.8	0.3	
LC0014	-	-	-	-	
LC0015	0.490	0.074	85.2	-0.5	
LC0016	-	-	-	-	
LC0017	0.721	0.072	125.4	0.9	

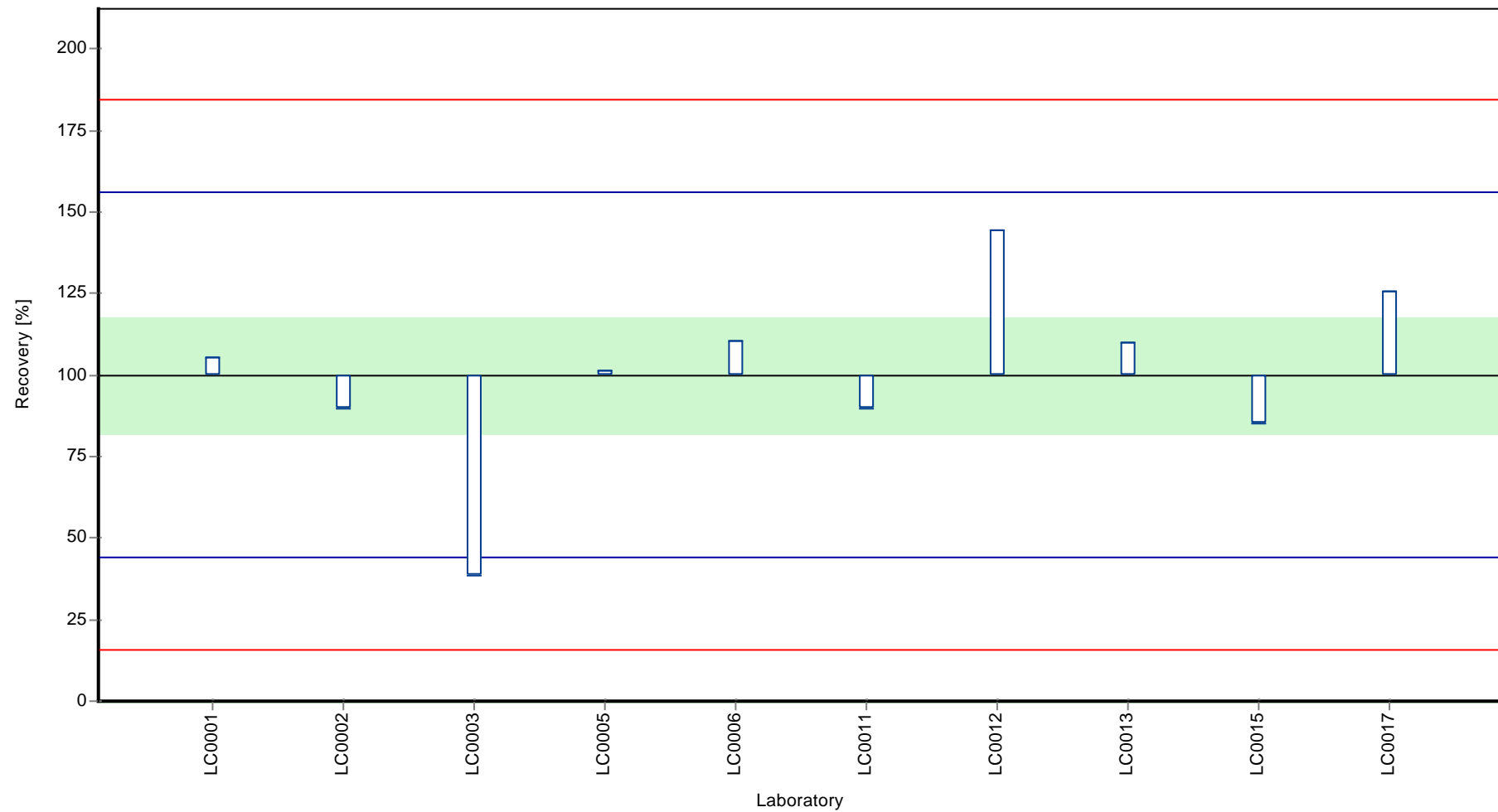
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.575 ± 0.153	0.575 ± 0.153	µg/l
Minimum	0.221	0.221	µg/l
Maximum	0.83	0.83	µg/l
Standard deviation	0.161	0.161	µg/l
rel. Standard deviation	28.1	28.1	%
n	10	10	-

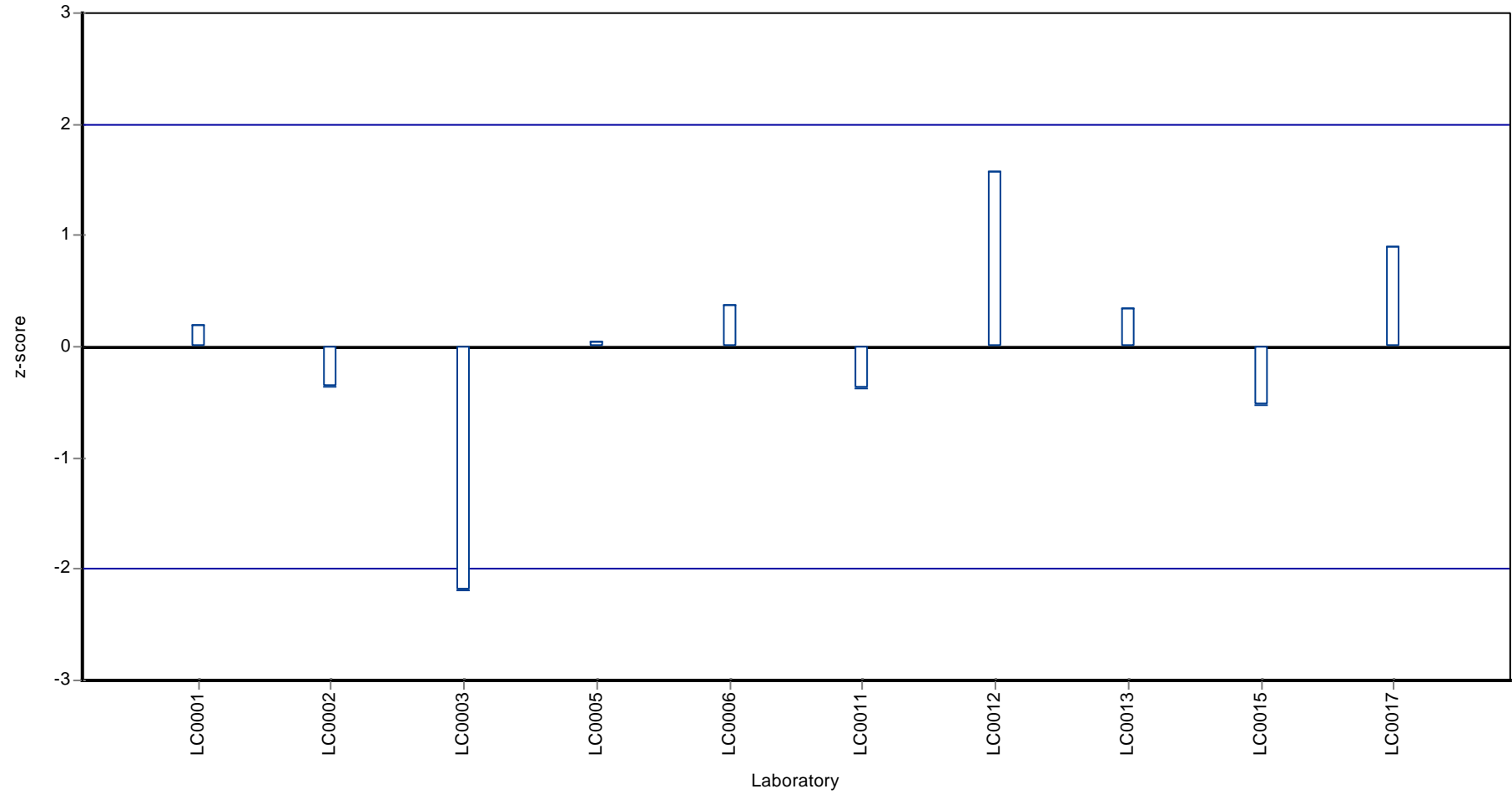
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H93 A

Thiacloprid

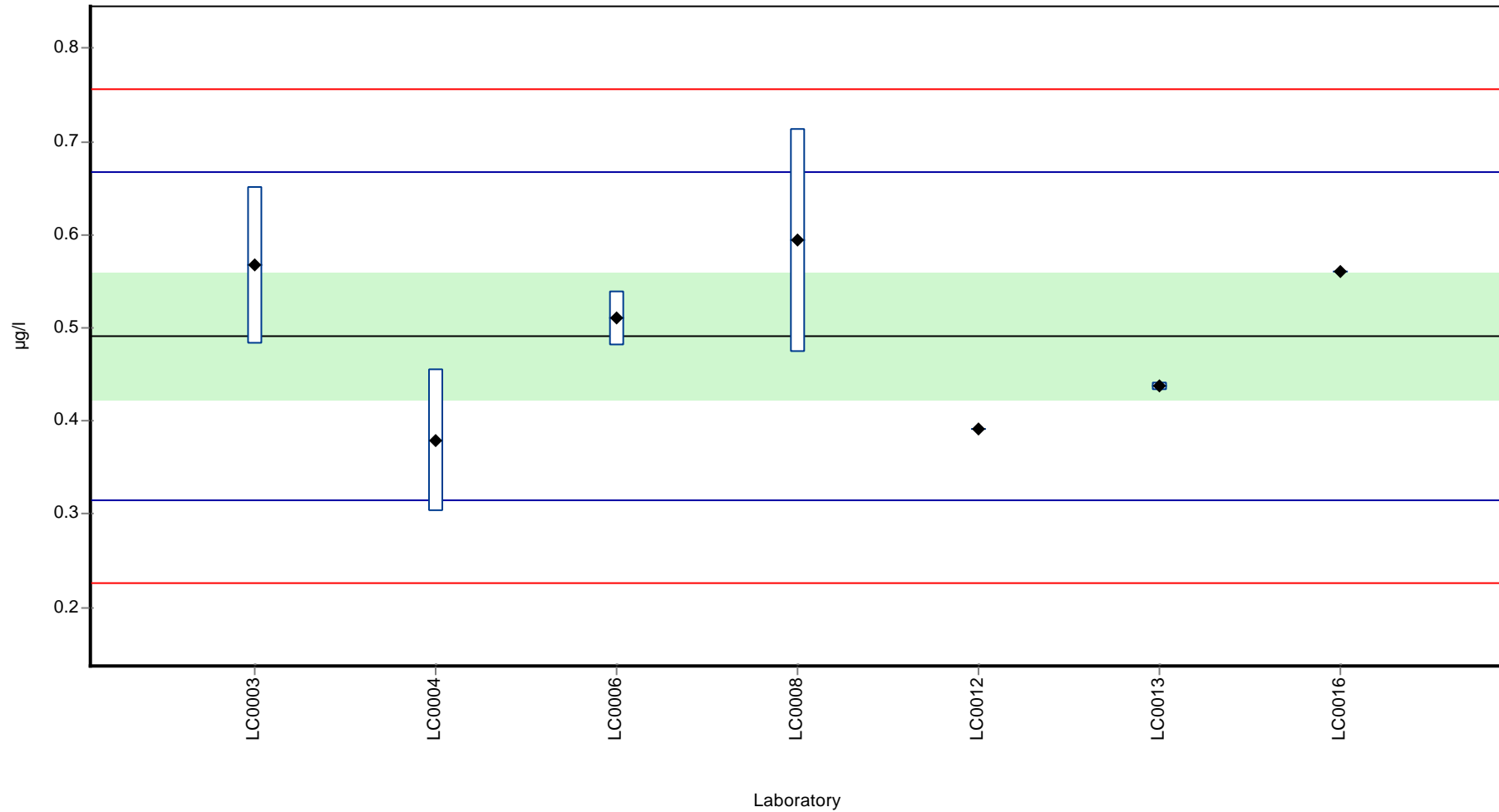
Unit	µg/l
Mean ± CI (99%)	0.491 ± 0.1
Minimum - Maximum	0.379 - 0.594
Check value ± U	0.61 ± 0.016

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.567	0.085	115.4	0.9	
LC0004	0.379	0.076	77.2	-1.3	
LC0005	-	-	-	-	
LC0006	0.510	0.030	103.8	0.2	
LC0007	-	-	-	-	
LC0008	0.594	0.120	120.9	1.2	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.391	-	79.6	-1.1	
LC0013	0.437	0.004	89.0	-0.6	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.560	-	114.0	0.8	
LC0017	-	-	-	-	

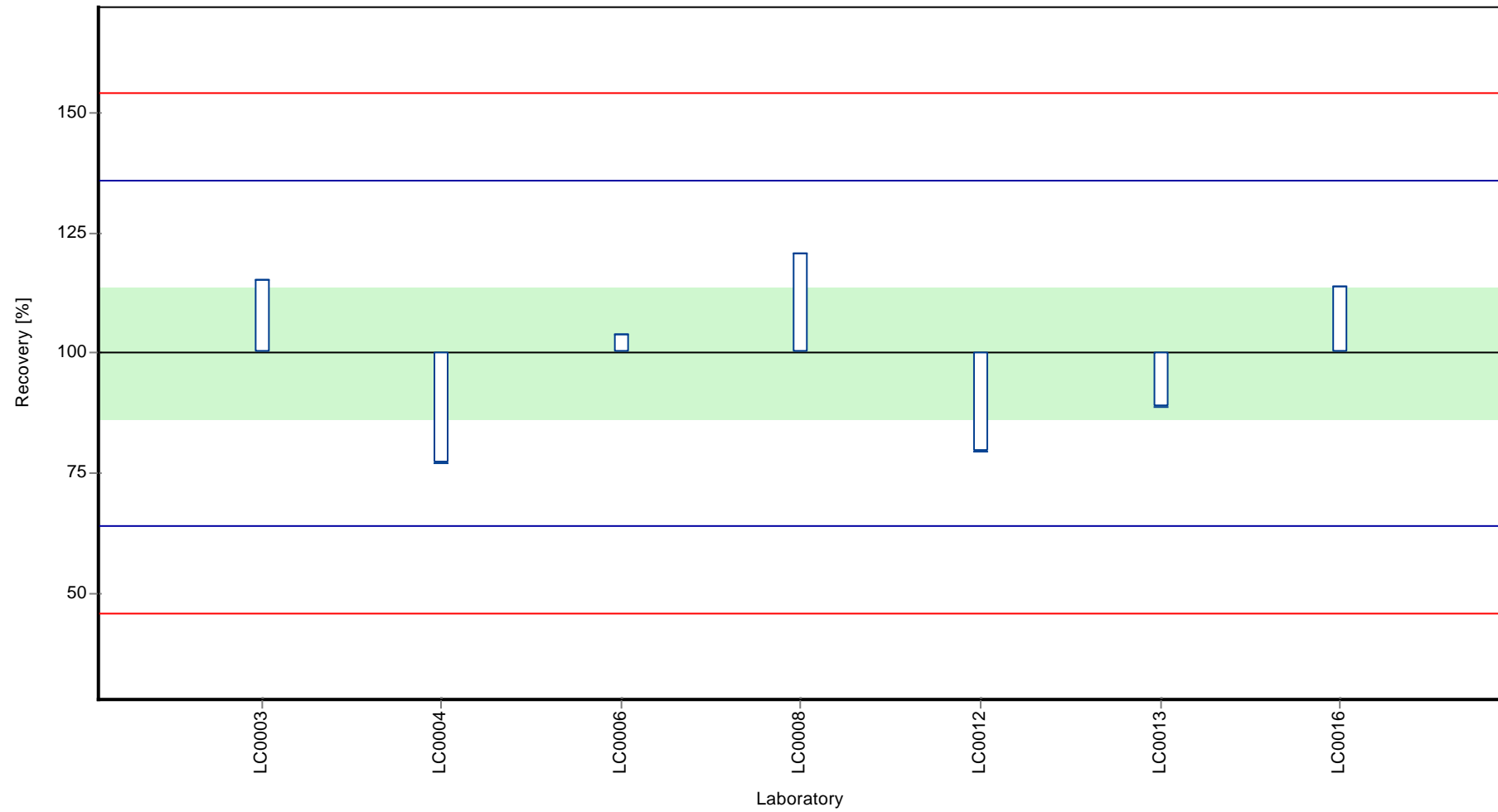
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.491 ± 0.1	0.491 ± 0.1	µg/l
Minimum	0.379	0.379	µg/l
Maximum	0.594	0.594	µg/l
Standard deviation	0.0885	0.0885	µg/l
rel. Standard deviation	18	18 %	
n	7	7	-

Graphical presentation of results
Results



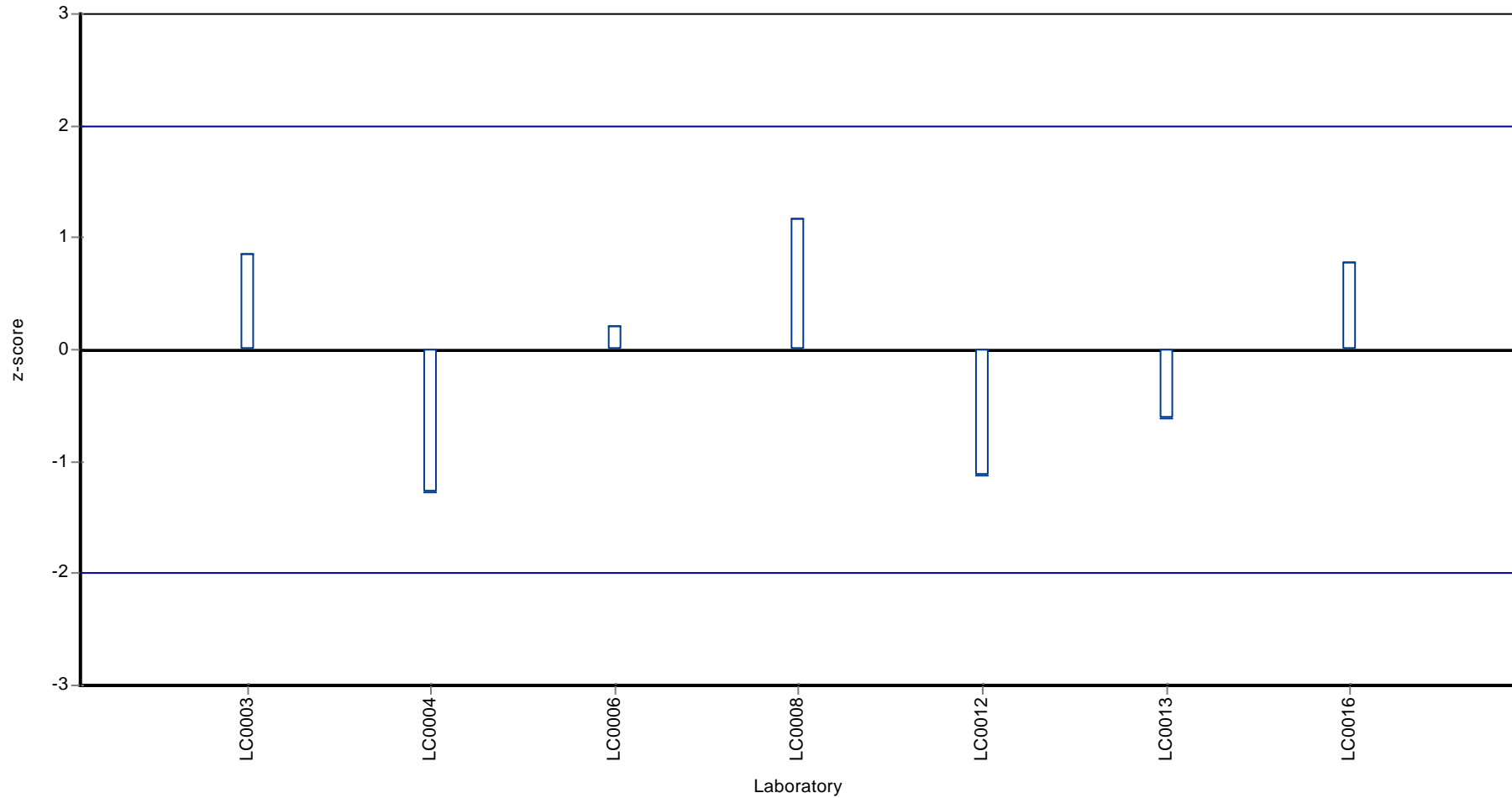
Recovery rate



Parameter oriented report Pesticides H93

Sample: H93A, Parameter: Thiocloprid

Z-score



Parameter oriented report

H93 B

Thiacloprid

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

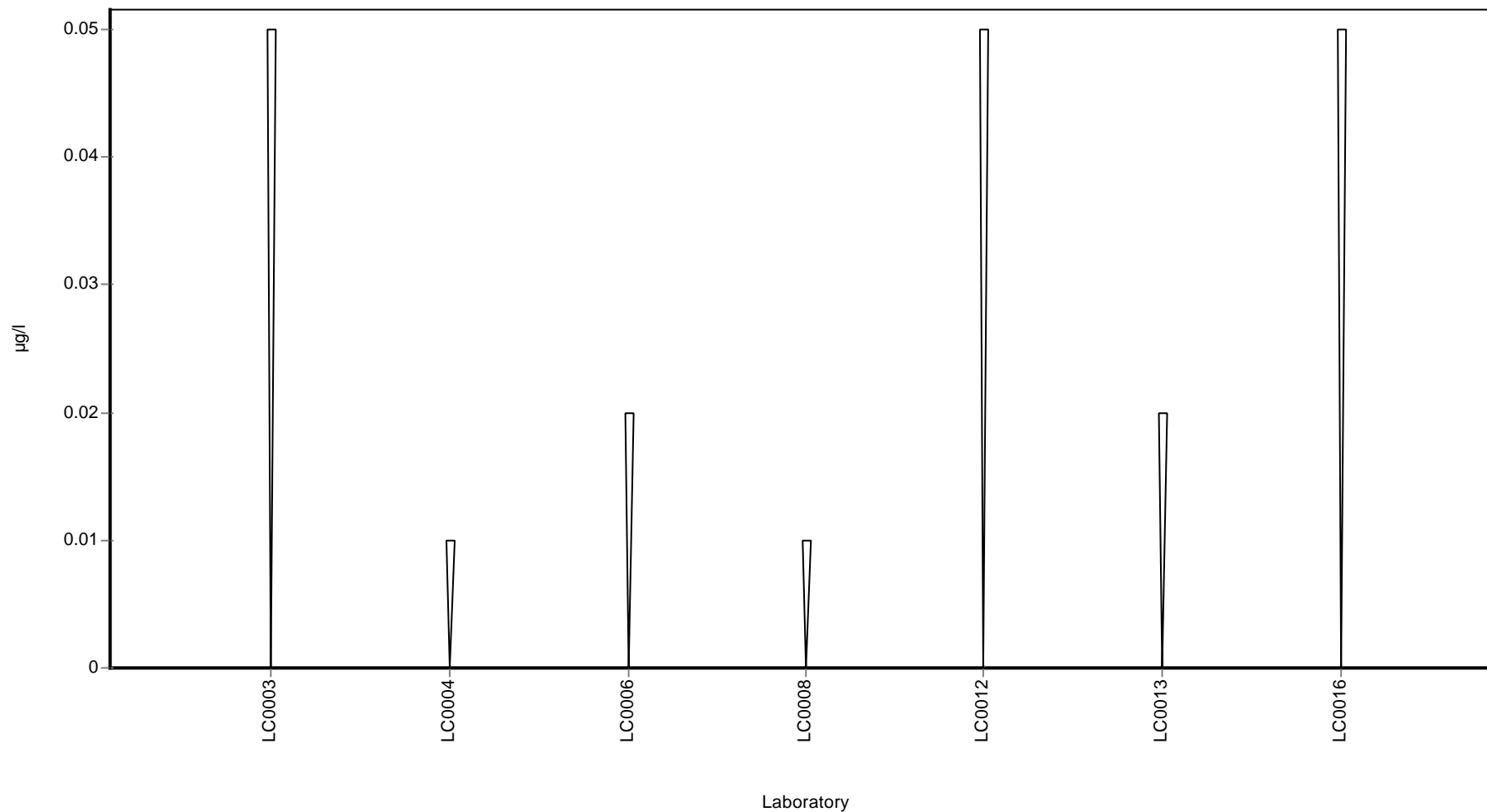
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	< 0.05 (LOQ)	-	-	-	
LC0004	< 0.01 (LOQ)	-	-	-	
LC0005	-	-	-	-	
LC0006	< 0.02 (LOQ)	-	-	-	
LC0007	-	-	-	-	
LC0008	< 0.01 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	< 0.05 (LOQ)	-	-	-	
LC0013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

Characteristics of parameter

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

Graphical presentation of results

Results



Parameter oriented report

H93 A

Thiamethoxam

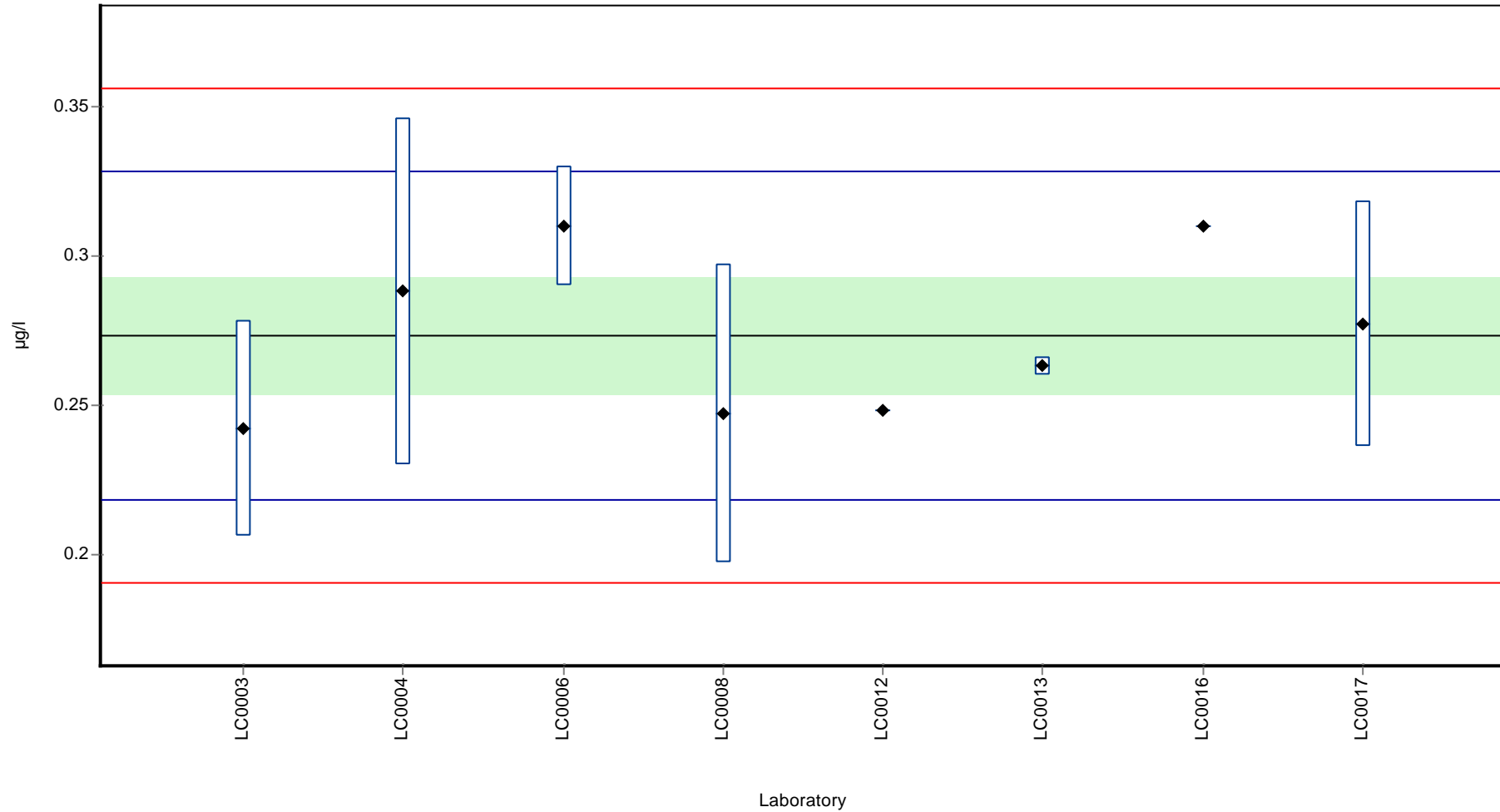
Unit	µg/l
Mean ± CI (99%)	0.273 ± 0.0293
Minimum - Maximum	0.242 - 0.31
Check value ± U	0.30 ± 0.013

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.242	0.036	88.6	-1.1	
LC0004	0.288	0.058	105.4	0.5	
LC0005	-	-	-	-	
LC0006	0.310	0.020	113.5	1.3	
LC0007	-	-	-	-	
LC0008	0.247	0.050	90.4	-0.9	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.248	-	90.8	-0.9	
LC0013	0.263	0.003	96.3	-0.4	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.310	-	113.5	1.3	
LC0017	0.277	0.041	101.4	0.1	

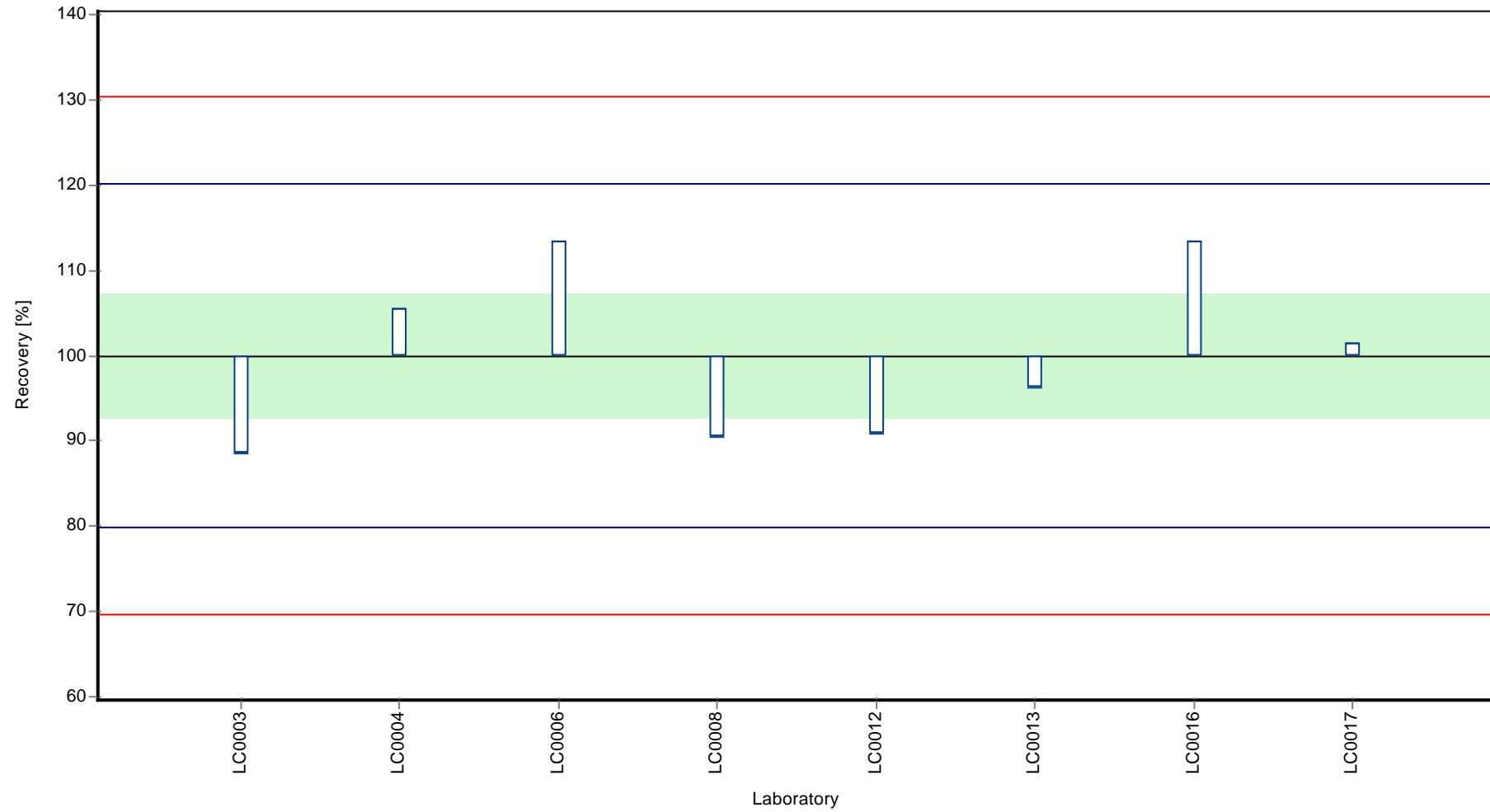
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.273 ± 0.0293	0.273 ± 0.0293	µg/l
Minimum	0.242	0.242	µg/l
Maximum	0.31	0.31	µg/l
Standard deviation	0.0276	0.0276	µg/l
rel. Standard deviation	10.1	10.1	%
n	8	8	-

Graphical presentation of results
Results



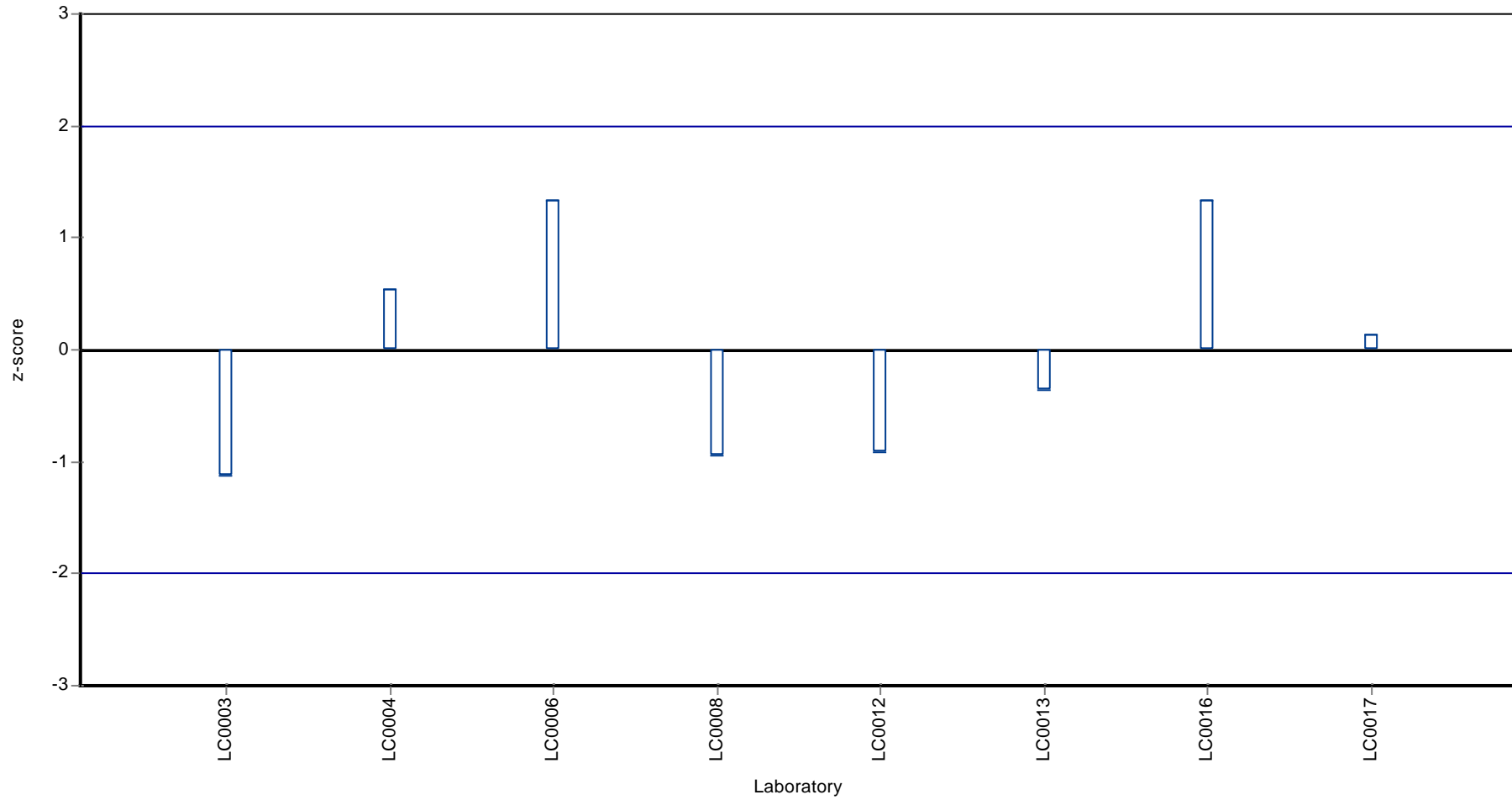
Recovery rate



Parameter oriented report Pesticides H93

Sample: H93A, Parameter: Thiamethoxam

Z-score



Parameter oriented report

H93 B

Thiamethoxam

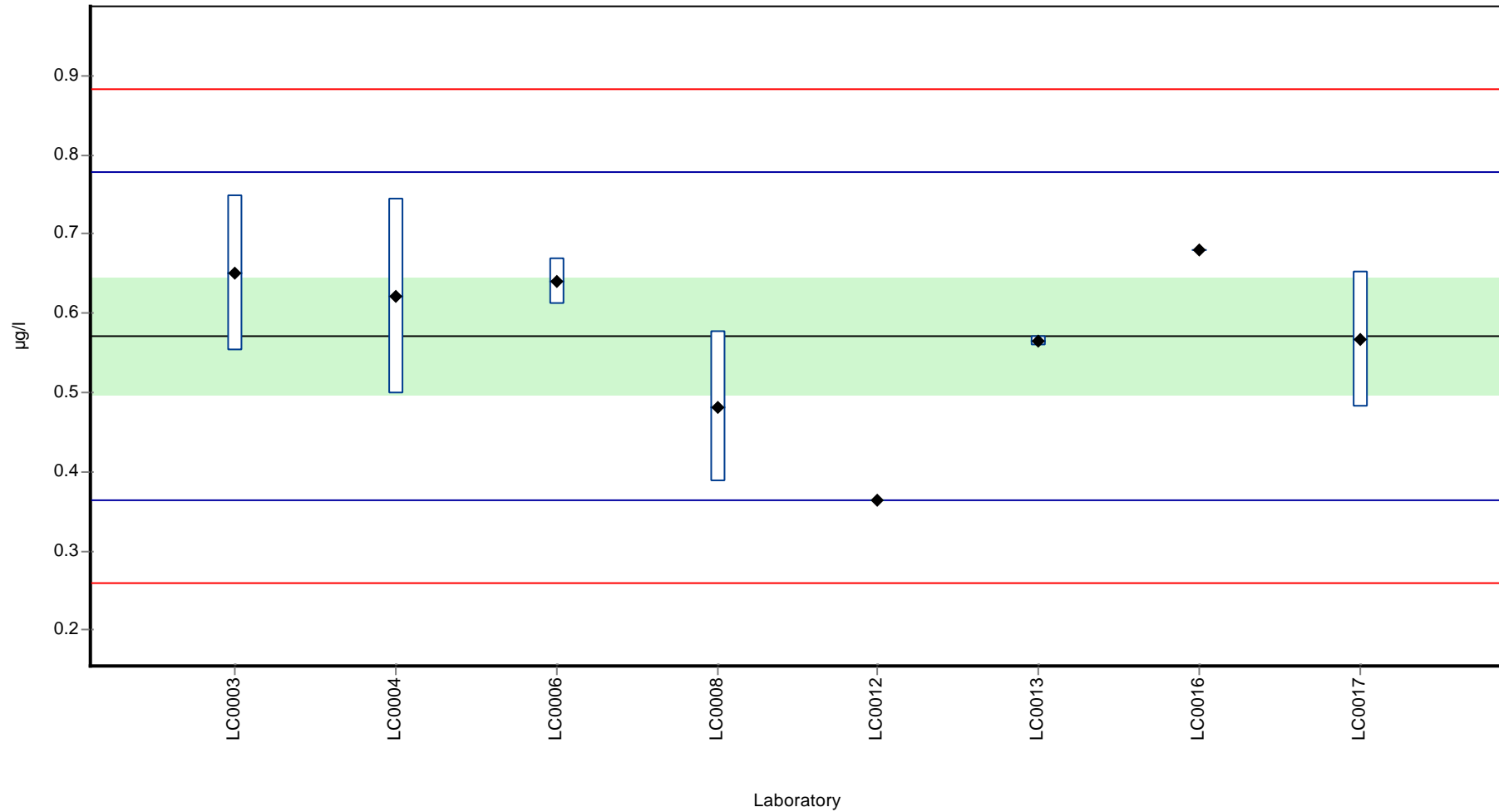
Unit	µg/l
Mean ± CI (99%)	0.571 ± 0.11
Minimum - Maximum	0.365 - 0.68
Check value ± U	0.63 ± 0.018

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.650	0.098	113.8	0.8	
LC0004	0.621	0.124	108.7	0.5	
LC0005	-	-	-	-	
LC0006	0.640	0.030	112.0	0.7	
LC0007	-	-	-	-	
LC0008	0.482	0.095	84.4	-0.9	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.365	-	63.9	-2.0	
LC0013	0.565	0.006	98.9	-0.1	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	0.680	-	119.0	1.0	
LC0017	0.567	0.085	99.3	0.0	

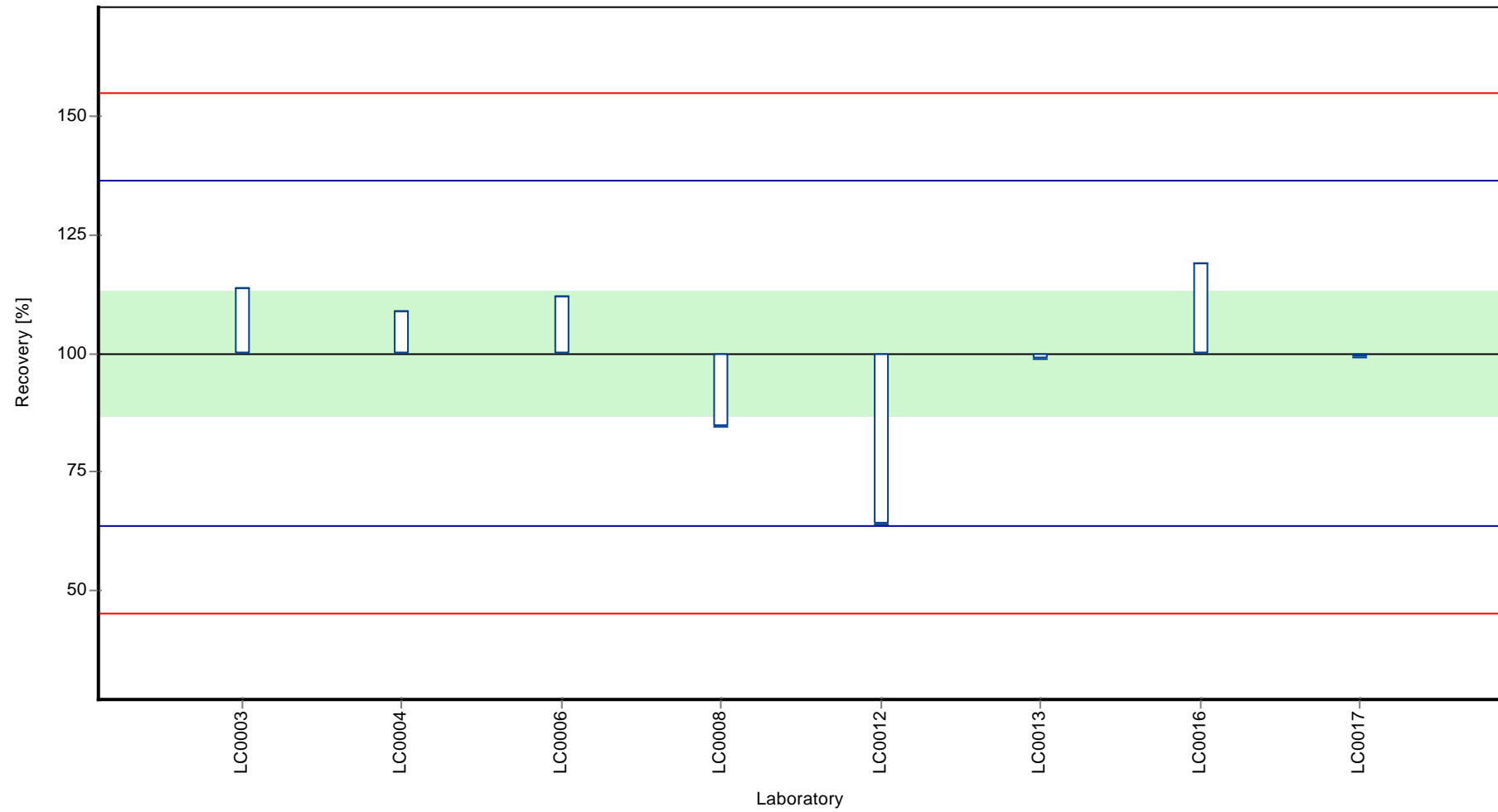
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.571 ± 0.11	0.571 ± 0.11	µg/l
Minimum	0.365	0.365	µg/l
Maximum	0.68	0.68	µg/l
Standard deviation	0.104	0.104	µg/l
rel. Standard deviation	18.2	18.2	%
n	8	8	-

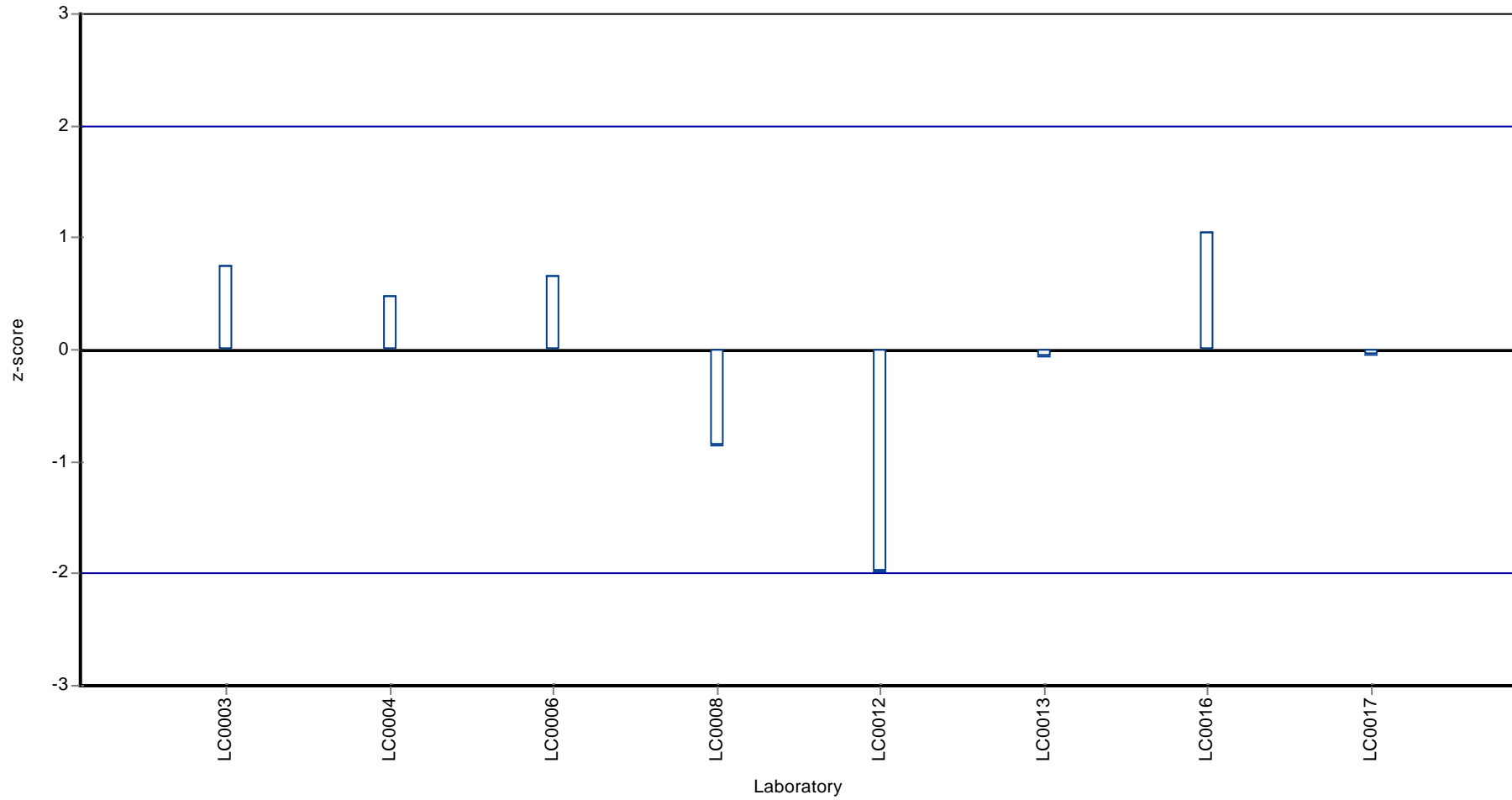
Graphical presentation of results
Results



Recovery rate



Z-score



8 Laboratory oriented report

The laboratory oriented report is sorted by laboratory code.

The following results were achieved:

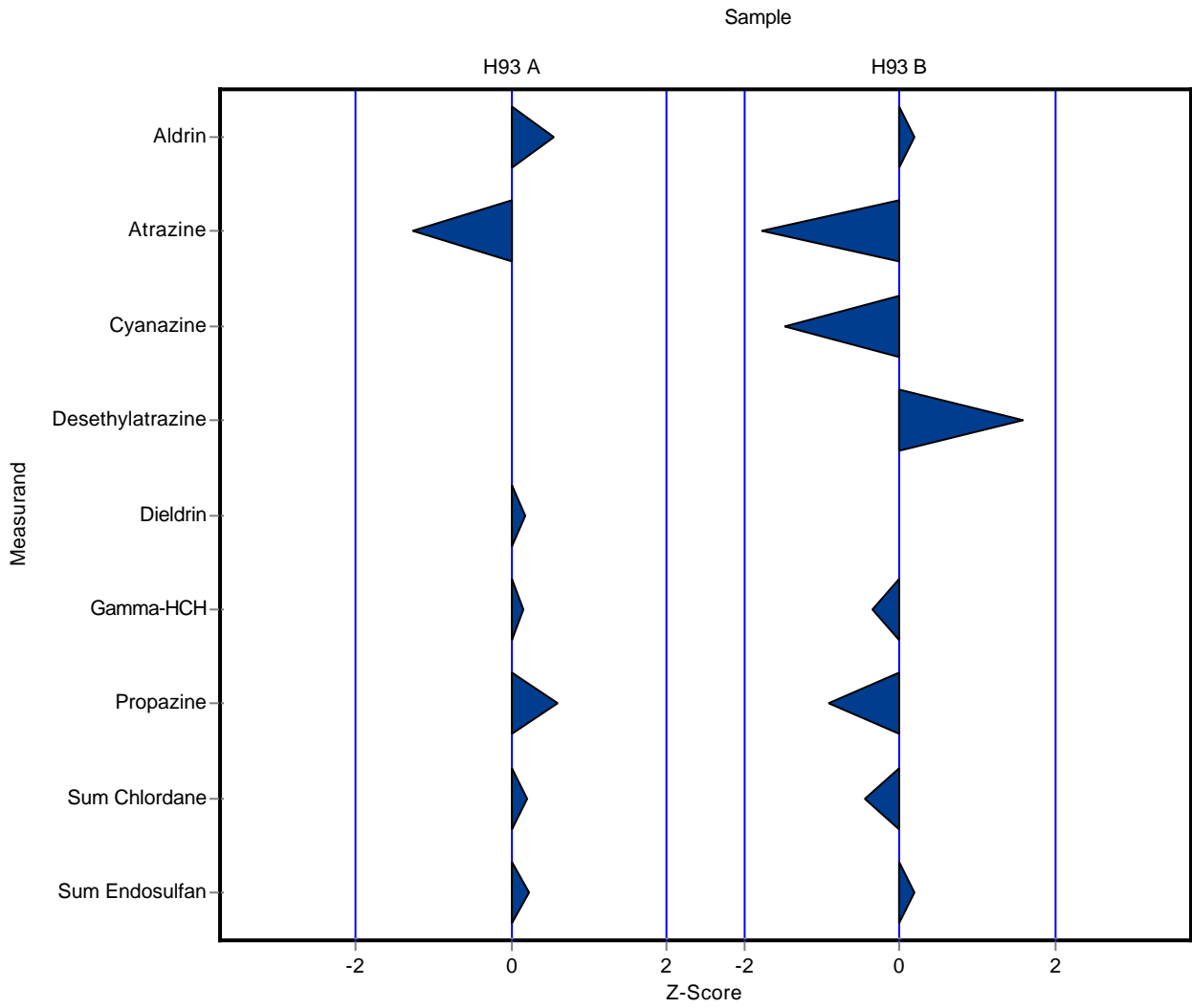
Sample: H93A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.129	± 0.0328	0.147	0.015	0.0345	114.4	0.54
Atrazine	µg/l	0.577	± 0.0361	0.52	-	0.0451	90.1	-1.26
Bromacil	µg/l	0.657	± 0.0979	-	-	0.0864	-	-
Clothianidin	µg/l	0.448	± 0.113	-	-	0.092	-	-
Cyanazine	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-
Desethylatrazine	µg/l	-	± -	<0.03 (LOQ)	-	-	-	-
Desisopropylatrazine	µg/l	0.0849	± 0.012	<0.04 (LOQ)	-	0.0145	-	-
Dieldrin	µg/l	0.294	± 0.0215	0.298	0.03	0.0227	101.3	0.17
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	0.361	± 0.0531	-	-	0.05	-	-
Gamma-HCH	µg/l	0.259	± 0.05	0.268	0.027	0.0577	103.4	0.15
Heptachlor	µg/l	0.195	± 0.0854	-	-	0.09	-	-
Imidacloprid	µg/l	0.196	± 0.0271	-	-	0.0239	-	-
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	-	± -	-	-	-	-	-
Propazine	µg/l	0.156	± 0.0167	0.168	-	0.0201	107.7	0.60
Sum Chlordane	µg/l	0.391	± 0.105	0.412	-	0.0994	105.4	0.21
Sum DDD	µg/l	-	± -	-	-	-	-	-
Sum DDE	µg/l	0.494	± 0.16	-	-	0.151	-	-
Sum DDT	µg/l	0.42	± 0.162	-	-	0.162	-	-
Sum Endosulfan	µg/l	0.161	± 0.0842	0.181	-	0.093	112.6	0.22
Thiacloprid	µg/l	0.491	± 0.1	-	-	0.0885	-	-
Thiamethoxam	µg/l	0.273	± 0.0293	-	-	0.0276	-	-

Sample: H93B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.133	± 0.025	0.137	0.014	0.0235	103.3	0.19
Atrazine	µg/l	0.305	± 0.0169	0.267	-	0.0211	87.6	-1.79
Bromacil	µg/l	-	± -	-	-	-	-	-
Clothianidin	µg/l	-	± -	-	-	-	-	-
Cyanazine	µg/l	0.591	± 0.1	0.428	-	0.111	72.4	-1.47
Desethylatrazine	µg/l	0.627	± 0.0552	0.736	-	0.0689	117.5	1.59
Desisopropylatrazine	µg/l	-	± -	<0.04 (LOQ)	-	-	-	-

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
Dieldrin	µg/l	-	±	-	<0.008 (LOQ)	-	-	-	-
Dinotefurane	µg/l	-	±	-	-	-	-	-	-
Endrin	µg/l	-	±	-	-	-	-	-	-
Gamma-HCH	µg/l	0.195	±	0.0531	0.175	0.018	0.0588	89.5	-0.35
Heptachlor	µg/l	-	±	-	-	-	-	-	-
Imidacloprid	µg/l	0.372	±	0.109	-	-	0.096	-	-
Nitenpyram	µg/l	-	±	-	-	-	-	-	-
Prometryn	µg/l	0.635	±	0.0461	-	-	0.0461	-	-
Propazine	µg/l	0.0712	±	0.00831	0.062	-	0.00999	87.1	-0.92
Sum Chlordane	µg/l	0.108	±	0.0347	0.094	-	0.0306	87.4	-0.44
Sum DDD	µg/l	0.292	±	0.0712	-	-	0.0581	-	-
Sum DDE	µg/l	0.153	±	0.067	-	-	0.0632	-	-
Sum DDT	µg/l	0.172	±	0.0447	-	-	0.0395	-	-
Sum Endosulfan	µg/l	0.575	±	0.153	0.607	-	0.161	105.6	0.20
Thiacloprid	µg/l	-	±	-	-	-	-	-	-
Thiamethoxam	µg/l	0.571	±	0.11	-	-	0.104	-	-



The following results were achieved:

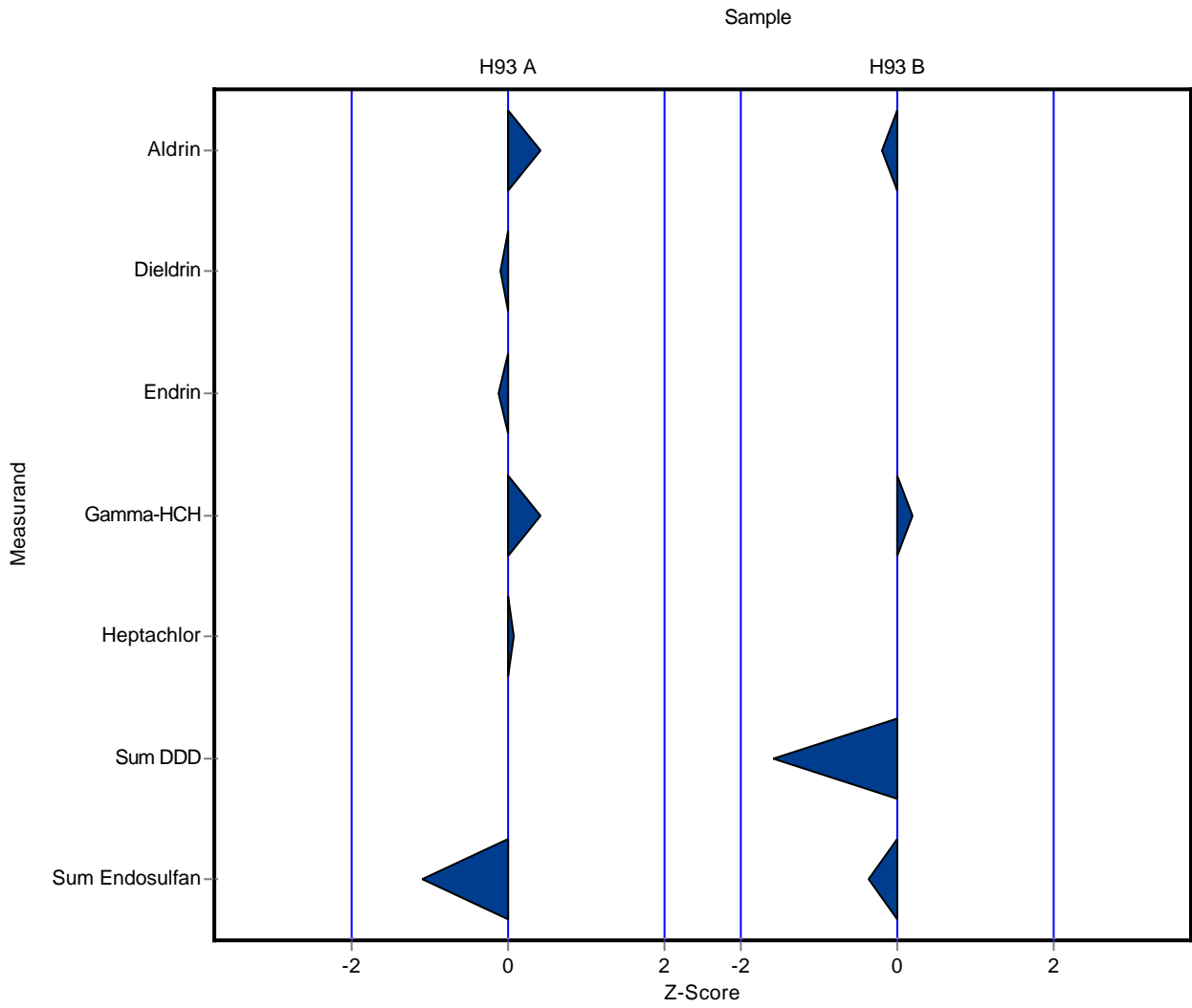
Sample: H93A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.129	± 0.0328	0.143	0.036	0.0345	111.3	0.42
Atrazine	µg/l	0.577	± 0.0361	-	-	0.0451	-	-
Bromacil	µg/l	0.657	± 0.0979	-	-	0.0864	-	-
Clothianidin	µg/l	0.448	± 0.113	-	-	0.092	-	-
Cyanazine	µg/l	-	± -	-	-	-	-	-
Desethylatrazine	µg/l	-	± -	-	-	-	-	-
Desisopropylatrazine	µg/l	0.0849	± 0.012	-	-	0.0145	-	-
Dieldrin	µg/l	0.294	± 0.0215	0.292	0.073	0.0227	99.3	-0.10
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	0.361	± 0.0531	0.355	0.089	0.05	98.4	-0.11
Gamma-HCH	µg/l	0.259	± 0.05	0.284	0.071	0.0577	109.6	0.43
Heptachlor	µg/l	0.195	± 0.0854	0.203	0.051	0.09	104.2	0.09
Imidacloprid	µg/l	0.196	± 0.0271	-	-	0.0239	-	-
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	-	± -	-	-	-	-	-
Propazine	µg/l	0.156	± 0.0167	-	-	0.0201	-	-
Sum Chlordane	µg/l	0.391	± 0.105	-	-	0.0994	-	-
Sum DDD	µg/l	-	± -	0.174	0.044	-	-	-
Sum DDE	µg/l	0.494	± 0.16	-	-	0.151	-	-
Sum DDT	µg/l	0.42	± 0.162	-	-	0.162	-	-
Sum Endosulfan	µg/l	0.161	± 0.0842	0.06	0.015	0.093	37.3	-1.08
Thiacloprid	µg/l	0.491	± 0.1	-	-	0.0885	-	-
Thiamethoxam	µg/l	0.273	± 0.0293	-	-	0.0276	-	-

Sample: H93B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.133	± 0.025	0.128	0.032	0.0235	96.5	-0.19
Atrazine	µg/l	0.305	± 0.0169	-	-	0.0211	-	-
Bromacil	µg/l	-	± -	-	-	-	-	-
Clothianidin	µg/l	-	± -	-	-	-	-	-
Cyanazine	µg/l	0.591	± 0.1	-	-	0.111	-	-
Desethylatrazine	µg/l	0.627	± 0.0552	-	-	0.0689	-	-
Desisopropylatrazine	µg/l	-	± -	-	-	-	-	-

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
Dieldrin	µg/l	-	±	-	<0.05 (LOQ)	-	-	-	-
Dinotefurane	µg/l	-	±	-	-	-	-	-	-
Endrin	µg/l	-	±	-	<0.05 (LOQ)	-	-	-	-
Gamma-HCH	µg/l	0.195	±	0.0531	0.207	0.052	0.0588	105.9	0.20
Heptachlor	µg/l	-	±	-	<0.05 (LOQ)	-	-	-	-
Imidacloprid	µg/l	0.372	±	0.109	-	-	0.096	-	-
Nitenpyram	µg/l	-	±	-	-	-	-	-	-
Prometryn	µg/l	0.635	±	0.0461	-	-	0.0461	-	-
Propazine	µg/l	0.0712	±	0.00831	-	-	0.00999	-	-
Sum Chlordane	µg/l	0.108	±	0.0347	-	-	0.0306	-	-
Sum DDD	µg/l	0.292	±	0.0712	0.199	0.05	0.0581	68.2	-1.60
Sum DDE	µg/l	0.153	±	0.067	-	-	0.0632	-	-
Sum DDT	µg/l	0.172	±	0.0447	-	-	0.0395	-	-
Sum Endosulfan	µg/l	0.575	±	0.153	0.516	0.129	0.161	89.8	-0.36
Thiacloprid	µg/l	-	±	-	-	-	-	-	-
Thiamethoxam	µg/l	0.571	±	0.11	-	-	0.104	-	-



The following results were achieved:

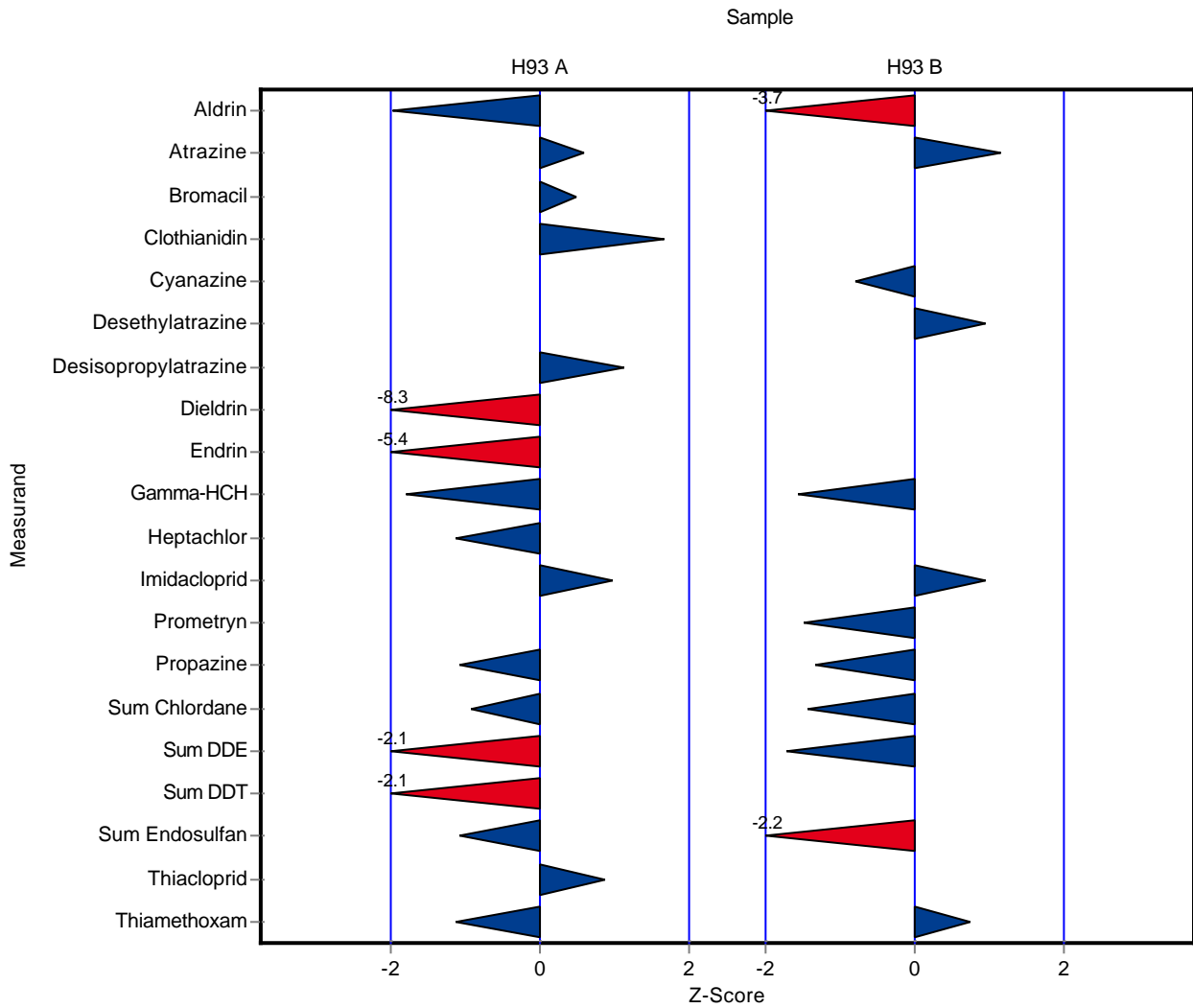
Sample: H93A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.129	± 0.0328	0.06	0.009	0.0345	46.7	-1.98
Atrazine	µg/l	0.577	± 0.0361	0.603	0.09	0.0451	104.5	0.58
Bromacil	µg/l	0.657	± 0.0979	0.698	0.105	0.0864	106.2	0.47
Clothianidin	µg/l	0.448	± 0.113	0.599	0.089	0.092	133.8	1.64
Cyanazine	µg/l	-	± -	<0.03 (LOQ)	-	-	-	-
Desethylatrazine	µg/l	-	± -	<0.03 (LOQ)	-	-	-	-
Desisopropylatrazine	µg/l	0.0849	± 0.012	0.101	0.0151	0.0145	118.9	1.11
Dieldrin	µg/l	0.294	± 0.0215	0.106	0.016	0.0227	36.0	-8.30
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	0.361	± 0.0531	0.0925	0.014	0.05	25.6	-5.36
Gamma-HCH	µg/l	0.259	± 0.05	0.155	0.0233	0.0577	59.8	-1.81
Heptachlor	µg/l	0.195	± 0.0854	0.092	0.0138	0.09	47.2	-1.14
Imidacloprid	µg/l	0.196	± 0.0271	0.219	0.033	0.0239	111.8	0.97
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	-	± -	<0.03 (LOQ)	-	-	-	-
Propazine	µg/l	0.156	± 0.0167	0.134	0.02	0.0201	85.9	-1.09
Sum Chlordane	µg/l	0.391	± 0.105	0.298	0.0447	0.0994	76.2	-0.93
Sum DDD	µg/l	-	± -	-	-	-	-	-
Sum DDE	µg/l	0.494	± 0.16	0.1835	0.027525	0.151	37.1	-2.06
Sum DDT	µg/l	0.42	± 0.162	0.0725	0.0109	0.162	17.3	-2.15
Sum Endosulfan	µg/l	0.161	± 0.0842	0.059	0.009	0.093	36.7	-1.09
Thiacloprid	µg/l	0.491	± 0.1	0.567	0.085	0.0885	115.4	0.86
Thiamethoxam	µg/l	0.273	± 0.0293	0.242	0.036	0.0276	88.6	-1.13

Sample: H93B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.133	± 0.025	0.046	0.007	0.0235	34.7	-3.68
Atrazine	µg/l	0.305	± 0.0169	0.329	0.049	0.0211	108.0	1.16
Bromacil	µg/l	-	± -	<0.03 (LOQ)	-	-	-	-
Clothianidin	µg/l	-	± -	0.342	0.052	-	-	-
Cyanazine	µg/l	0.591	± 0.1	0.505	0.075	0.111	85.4	-0.78
Desethylatrazine	µg/l	0.627	± 0.0552	0.692	0.104	0.0689	110.5	0.95
Desisopropylatrazine	µg/l	-	± -	<0.03 (LOQ)	-	-	-	-

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Dieldrin	µg/l	-	± -	<0.015 (LOQ)	-	-	-	-
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	-	± -	<0.015 (LOQ)	-	-	-	-
Gamma-HCH	µg/l	0.195	± 0.0531	0.104	0.016	0.0588	53.2	-1.56
Heptachlor	µg/l	-	± -	<0.03 (LOQ)	-	-	-	-
Imidacloprid	µg/l	0.372	± 0.109	0.463	0.07	0.096	124.5	0.95
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.635	± 0.0461	0.567	0.085	0.0461	89.3	-1.47
Propazine	µg/l	0.0712	± 0.00831	0.058	0.009	0.00999	81.5	-1.32
Sum Chlordane	µg/l	0.108	± 0.0347	0.0636	0.0096	0.0306	59.2	-1.44
Sum DDD	µg/l	0.292	± 0.0712	-	-	0.0581	-	-
Sum DDE	µg/l	0.153	± 0.067	0.045	0.007	0.0632	29.3	-1.72
Sum DDT	µg/l	0.172	± 0.0447	<0.03 (LOQ)	-	0.0395	-	-
Sum Endosulfan	µg/l	0.575	± 0.153	0.2205	0.033	0.161	38.4	-2.20
Thiacloprid	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Thiamethoxam	µg/l	0.571	± 0.11	0.65	0.098	0.104	113.8	0.76



The following results were achieved:

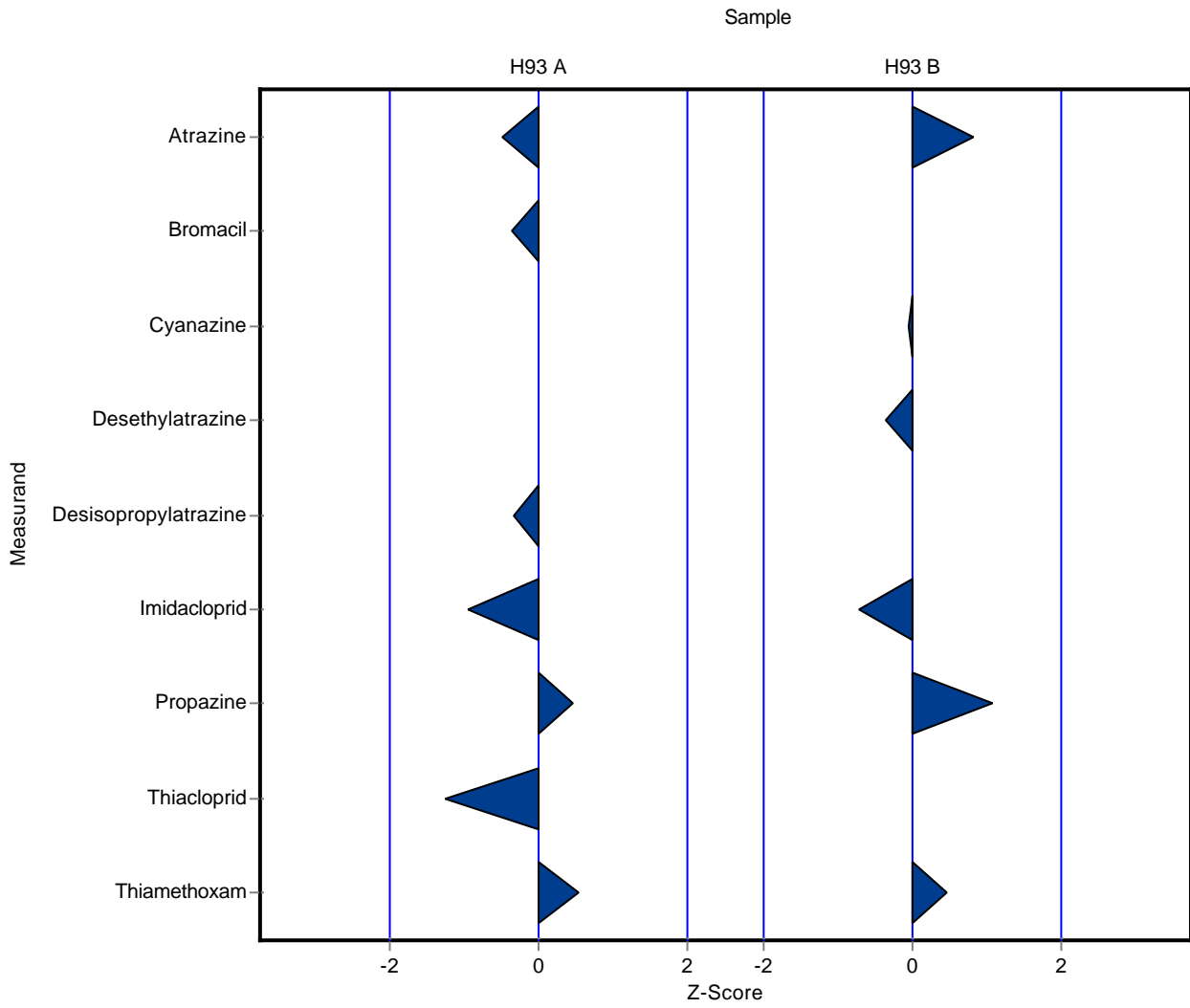
Sample: H93A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.129	± 0.0328	-	-	0.0345	-	-
Atrazine	µg/l	0.577	± 0.0361	0.554	0.111	0.0451	96.0	-0.51
Bromacil	µg/l	0.657	± 0.0979	0.626	0.125	0.0864	95.2	-0.36
Clothianidin	µg/l	0.448	± 0.113	-	-	0.092	-	-
Cyanazine	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Desethylatrazine	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Desisopropylatrazine	µg/l	0.0849	± 0.012	0.08	0.016	0.0145	94.2	-0.34
Dieldrin	µg/l	0.294	± 0.0215	-	-	0.0227	-	-
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	0.361	± 0.0531	-	-	0.05	-	-
Gamma-HCH	µg/l	0.259	± 0.05	-	-	0.0577	-	-
Heptachlor	µg/l	0.195	± 0.0854	-	-	0.09	-	-
Imidacloprid	µg/l	0.196	± 0.0271	0.173	0.035	0.0239	88.3	-0.96
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	-	± -	-	-	-	-	-
Propazine	µg/l	0.156	± 0.0167	0.165	0.033	0.0201	105.8	0.45
Sum Chlordane	µg/l	0.391	± 0.105	-	-	0.0994	-	-
Sum DDD	µg/l	-	± -	-	-	-	-	-
Sum DDE	µg/l	0.494	± 0.16	-	-	0.151	-	-
Sum DDT	µg/l	0.42	± 0.162	-	-	0.162	-	-
Sum Endosulfan	µg/l	0.161	± 0.0842	-	-	0.093	-	-
Thiacloprid	µg/l	0.491	± 0.1	0.379	0.076	0.0885	77.2	-1.27
Thiamethoxam	µg/l	0.273	± 0.0293	0.288	0.058	0.0276	105.4	0.54

Sample: H93B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.133	± 0.025	-	-	0.0235	-	-
Atrazine	µg/l	0.305	± 0.0169	0.322	0.064	0.0211	105.7	0.82
Bromacil	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Clothianidin	µg/l	-	± -	-	-	-	-	-
Cyanazine	µg/l	0.591	± 0.1	0.588	0.118	0.111	99.5	-0.03
Desethylatrazine	µg/l	0.627	± 0.0552	0.602	0.12	0.0689	96.1	-0.36
Desisopropylatrazine	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Dieldrin	µg/l	-	± -	-	-	-	-	-
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	-	± -	-	-	-	-	-
Gamma-HCH	µg/l	0.195	± 0.0531	-	-	0.0588	-	-
Heptachlor	µg/l	-	± -	-	-	-	-	-
Imidacloprid	µg/l	0.372	± 0.109	0.303	0.061	0.096	81.5	-0.72
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.635	± 0.0461	-	-	0.0461	-	-
Propazine	µg/l	0.0712	± 0.00831	0.082	0.016	0.00999	115.2	1.09
Sum Chlordane	µg/l	0.108	± 0.0347	-	-	0.0306	-	-
Sum DDD	µg/l	0.292	± 0.0712	-	-	0.0581	-	-
Sum DDE	µg/l	0.153	± 0.067	-	-	0.0632	-	-
Sum DDT	µg/l	0.172	± 0.0447	-	-	0.0395	-	-
Sum Endosulfan	µg/l	0.575	± 0.153	-	-	0.161	-	-
Thiacloprid	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Thiamethoxam	µg/l	0.571	± 0.11	0.621	0.124	0.104	108.7	0.48



The following results were achieved:

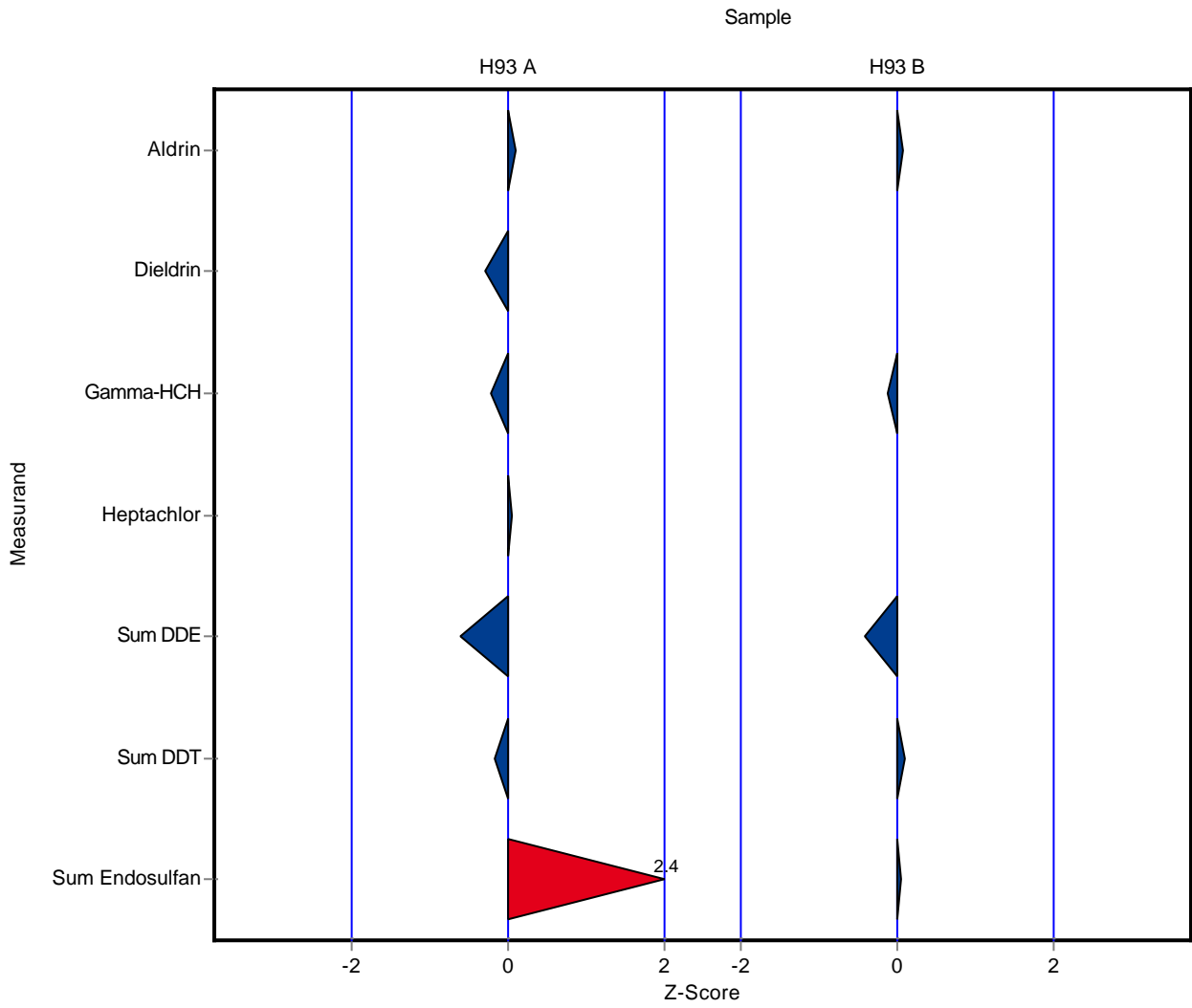
Sample: H93A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.129	± 0.0328	0.132	0.027	0.0345	102.7	0.10
Atrazine	µg/l	0.577	± 0.0361	-	-	0.0451	-	-
Bromacil	µg/l	0.657	± 0.0979	-	-	0.0864	-	-
Clothianidin	µg/l	0.448	± 0.113	-	-	0.092	-	-
Cyanazine	µg/l	-	± -	-	-	-	-	-
Desethylatrazine	µg/l	-	± -	-	-	-	-	-
Desisopropylatrazine	µg/l	0.0849	± 0.012	-	-	0.0145	-	-
Dieldrin	µg/l	0.294	± 0.0215	0.288	0.02	0.0227	97.9	-0.27
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	0.361	± 0.0531	-	-	0.05	-	-
Gamma-HCH	µg/l	0.259	± 0.05	0.247	0.024	0.0577	95.3	-0.21
Heptachlor	µg/l	0.195	± 0.0854	0.201	0.016	0.09	103.1	0.07
Imidacloprid	µg/l	0.196	± 0.0271	-	-	0.0239	-	-
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	-	± -	-	-	-	-	-
Propazine	µg/l	0.156	± 0.0167	-	-	0.0201	-	-
Sum Chlordane	µg/l	0.391	± 0.105	-	-	0.0994	-	-
Sum DDD	µg/l	-	± -	-	-	-	-	-
Sum DDE	µg/l	0.494	± 0.16	0.403	0.044	0.151	81.5	-0.60
Sum DDT	µg/l	0.42	± 0.162	0.394	0.042	0.162	93.8	-0.16
Sum Endosulfan	µg/l	0.161	± 0.0842	0.387	0.025	0.093	240.8	2.43
Thiacloprid	µg/l	0.491	± 0.1	-	-	0.0885	-	-
Thiamethoxam	µg/l	0.273	± 0.0293	-	-	0.0276	-	-

Sample: H93B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.133	± 0.025	0.134	0.035	0.0235	101.1	0.06
Atrazine	µg/l	0.305	± 0.0169	-	-	0.0211	-	-
Bromacil	µg/l	-	± -	-	-	-	-	-
Clothianidin	µg/l	-	± -	-	-	-	-	-
Cyanazine	µg/l	0.591	± 0.1	-	-	0.111	-	-
Desethylatrazine	µg/l	0.627	± 0.0552	-	-	0.0689	-	-
Desisopropylatrazine	µg/l	-	± -	-	-	-	-	-

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Dieldrin	µg/l	-	± -	0.012	0.0001	-	-	-
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	-	± -	-	-	-	-	-
Gamma-HCH	µg/l	0.195	± 0.0531	0.187	0.009	0.0588	95.7	-0.14
Heptachlor	µg/l	-	± -	0.009	0.0003	-	-	-
Imidacloprid	µg/l	0.372	± 0.109	-	-	0.096	-	-
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.635	± 0.0461	-	-	0.0461	-	-
Propazine	µg/l	0.0712	± 0.00831	-	-	0.00999	-	-
Sum Chlordane	µg/l	0.108	± 0.0347	-	-	0.0306	-	-
Sum DDD	µg/l	0.292	± 0.0712	-	-	0.0581	-	-
Sum DDE	µg/l	0.153	± 0.067	0.126	0.008	0.0632	82.2	-0.43
Sum DDT	µg/l	0.172	± 0.0447	0.176	0.01	0.0395	102.2	0.10
Sum Endosulfan	µg/l	0.575	± 0.153	0.583	0.019	0.161	101.4	0.05
Thiacloprid	µg/l	-	± -	-	-	-	-	-
Thiamethoxam	µg/l	0.571	± 0.11	-	-	0.104	-	-



The following results were achieved:

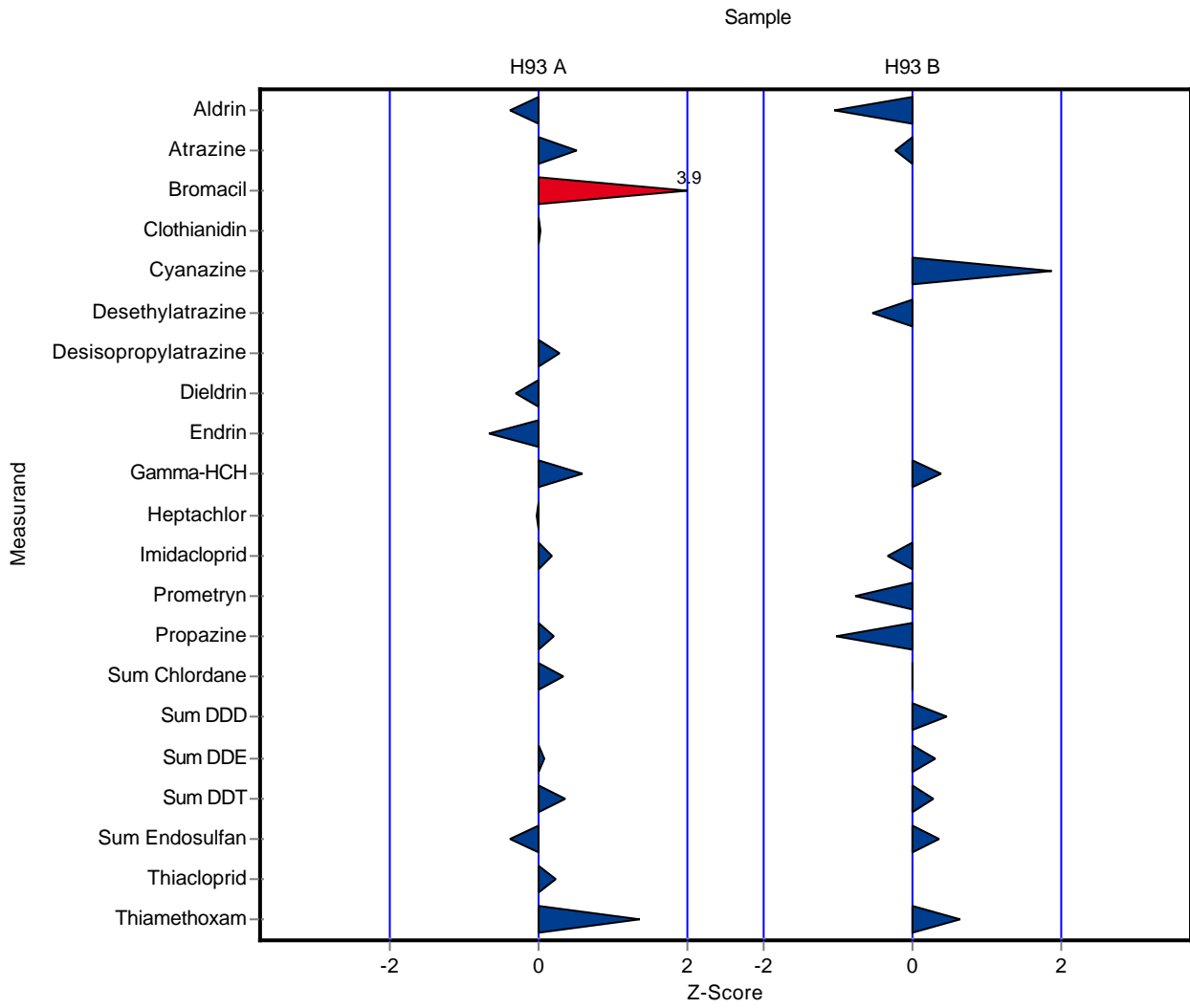
Sample: H93A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	0.46	0.02	-	-	-
Aldrin	µg/l	0.129	± 0.0328	0.115	0.012	0.0345	89.5	-0.39
Atrazine	µg/l	0.577	± 0.0361	0.6	0.03	0.0451	104.0	0.51
Bromacil	µg/l	0.657	± 0.0979	0.99	0.05	0.0864	150.6	3.85
Clothianidin	µg/l	0.448	± 0.113	0.45	0.02	0.092	100.5	0.02
Cyanazine	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Desethylatrazine	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Desisopropylatrazine	µg/l	0.0849	± 0.012	0.089	0.004	0.0145	104.8	0.28
Dieldrin	µg/l	0.294	± 0.0215	0.287	0.029	0.0227	97.6	-0.32
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	0.361	± 0.0531	0.327	0.033	0.05	90.6	-0.67
Gamma-HCH	µg/l	0.259	± 0.05	0.292	0.029	0.0577	112.7	0.57
Heptachlor	µg/l	0.195	± 0.0854	0.191	0.019	0.09	98.0	-0.04
Imidacloprid	µg/l	0.196	± 0.0271	0.2	0.01	0.0239	102.1	0.17
Nitenpyram	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Prometryn	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Propazine	µg/l	0.156	± 0.0167	0.16	0.008	0.0201	102.6	0.20
Sum Chlordane	µg/l	0.391	± 0.105	0.424	0.042	0.0994	108.5	0.33
Sum DDD	µg/l	-	± -	0.163	0.016	-	-	-
Sum DDE	µg/l	0.494	± 0.16	0.506	0.051	0.151	102.4	0.08
Sum DDT	µg/l	0.42	± 0.162	0.475	0.048	0.162	113.1	0.34
Sum Endosulfan	µg/l	0.161	± 0.0842	0.125	0.013	0.093	77.8	-0.38
Thiacloprid	µg/l	0.491	± 0.1	0.51	0.03	0.0885	103.8	0.21
Thiamethoxam	µg/l	0.273	± 0.0293	0.31	0.02	0.0276	113.5	1.33

Sample: H93B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-
Aldrin	µg/l	0.133	± 0.025	0.108	0.011	0.0235	81.5	-1.04
Atrazine	µg/l	0.305	± 0.0169	0.3	0.015	0.0211	98.5	-0.22
Bromacil	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-
Clothianidin	µg/l	-	± -	0.17	0.009	-	-	-
Cyanazine	µg/l	0.591	± 0.1	0.8	0.04	0.111	135.3	1.89
Desethylatrazine	µg/l	0.627	± 0.0552	0.59	0.03	0.0689	94.2	-0.53
Desisopropylatrazine	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Dieldrin	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Gamma-HCH	µg/l	0.195	± 0.0531	0.219	0.022	0.0588	112.0	0.40
Heptachlor	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Imidacloprid	µg/l	0.372	± 0.109	0.34	0.02	0.096	91.4	-0.33
Nitenpyram	µg/l	-	± -	0.55	0.03	-	-	-
Prometryn	µg/l	0.635	± 0.0461	0.6	0.03	0.0461	94.5	-0.76
Propazine	µg/l	0.0712	± 0.00831	0.061	0.003	0.00999	85.7	-1.02
Sum Chlordane	µg/l	0.108	± 0.0347	0.108	0.011	0.0306	100.5	0.02
Sum DDD	µg/l	0.292	± 0.0712	0.319	0.032	0.0581	109.2	0.46
Sum DDE	µg/l	0.153	± 0.067	0.174	0.017	0.0632	113.4	0.33
Sum DDT	µg/l	0.172	± 0.0447	0.184	0.018	0.0395	106.9	0.30
Sum Endosulfan	µg/l	0.575	± 0.153	0.635	0.064	0.161	110.5	0.37
Thiacloprid	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-
Thiamethoxam	µg/l	0.571	± 0.11	0.64	0.03	0.104	112.0	0.66



The following results were achieved:

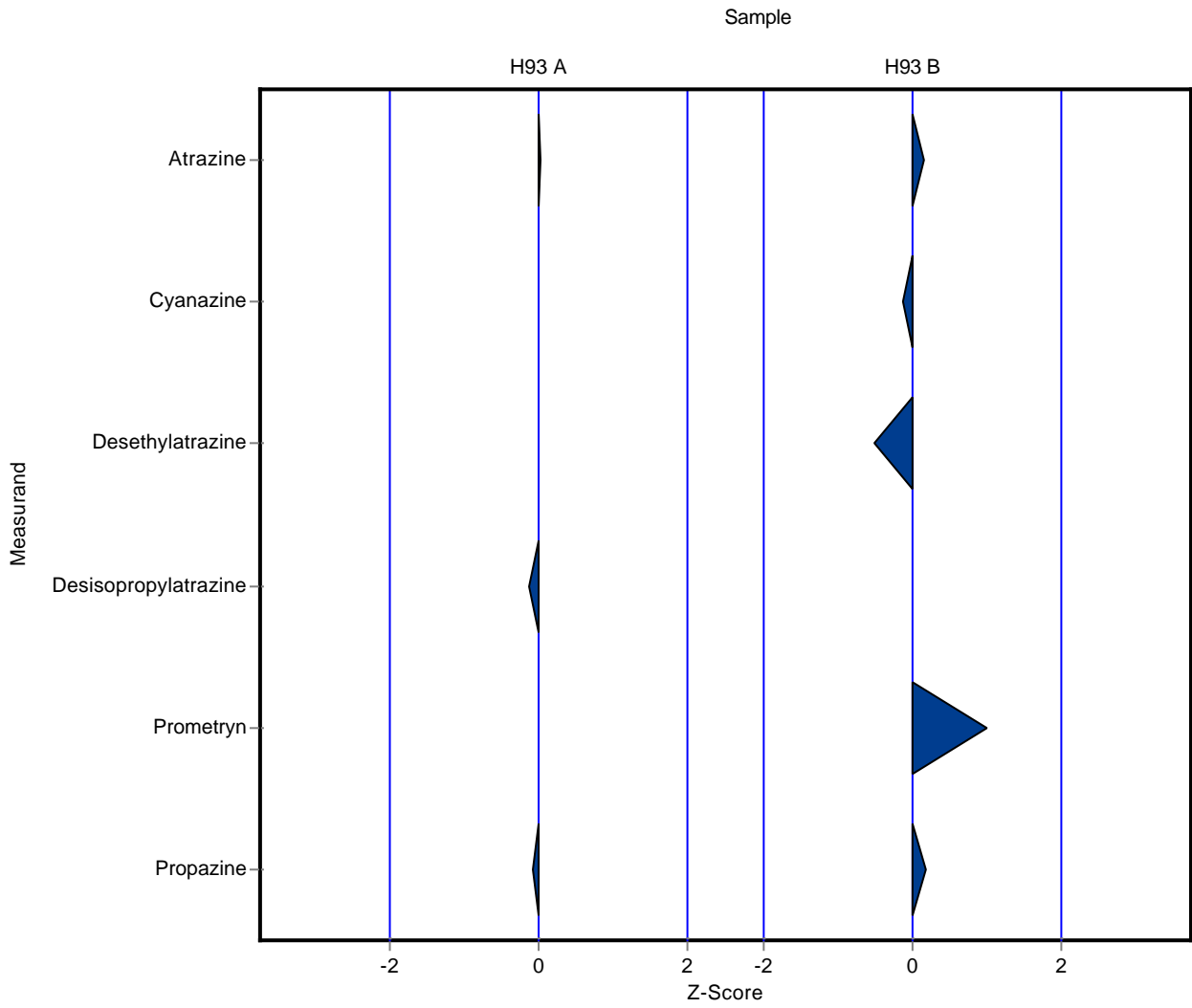
Sample: H93A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.129	± 0.0328	-	-	0.0345	-	-
Atrazine	µg/l	0.577	± 0.0361	0.578	0.0086	0.0451	100.2	0.03
Bromacil	µg/l	0.657	± 0.0979	-	-	0.0864	-	-
Clothianidin	µg/l	0.448	± 0.113	-	-	0.092	-	-
Cyanazine	µg/l	-	± -	<0.0092	-	-	-	-
Desethylatrazine	µg/l	-	± -	<0.03 (LOQ)	-	-	-	-
Desisopropylatrazine	µg/l	0.0849	± 0.012	0.083	0.0071	0.0145	97.7	-0.13
Dieldrin	µg/l	0.294	± 0.0215	-	-	0.0227	-	-
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	0.361	± 0.0531	-	-	0.05	-	-
Gamma-HCH	µg/l	0.259	± 0.05	-	-	0.0577	-	-
Heptachlor	µg/l	0.195	± 0.0854	-	-	0.09	-	-
Imidacloprid	µg/l	0.196	± 0.0271	-	-	0.0239	-	-
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	-	± -	<0.011 (LOD)	-	-	-	-
Propazine	µg/l	0.156	± 0.0167	0.154	0.0092	0.0201	98.8	-0.10
Sum Chlordane	µg/l	0.391	± 0.105	-	-	0.0994	-	-
Sum DDD	µg/l	-	± -	-	-	-	-	-
Sum DDE	µg/l	0.494	± 0.16	-	-	0.151	-	-
Sum DDT	µg/l	0.42	± 0.162	-	-	0.162	-	-
Sum Endosulfan	µg/l	0.161	± 0.0842	-	-	0.093	-	-
Thiacloprid	µg/l	0.491	± 0.1	-	-	0.0885	-	-
Thiamethoxam	µg/l	0.273	± 0.0293	-	-	0.0276	-	-

Sample: H93B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.133	± 0.025	-	-	0.0235	-	-
Atrazine	µg/l	0.305	± 0.0169	0.308	0.0072	0.0211	101.1	0.16
Bromacil	µg/l	-	± -	-	-	-	-	-
Clothianidin	µg/l	-	± -	-	-	-	-	-
Cyanazine	µg/l	0.591	± 0.1	0.577	0.01	0.111	97.6	-0.13
Desethylatrazine	µg/l	0.627	± 0.0552	0.592	0.0084	0.0689	94.5	-0.50
Desisopropylatrazine	µg/l	-	± -	<0.0077	-	-	-	-

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Dieldrin	µg/l	-	± -	-	-	-	-	-
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	-	± -	-	-	-	-	-
Gamma-HCH	µg/l	0.195	± 0.0531	-	-	0.0588	-	-
Heptachlor	µg/l	-	± -	-	-	-	-	-
Imidacloprid	µg/l	0.372	± 0.109	-	-	0.096	-	-
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.635	± 0.0461	0.682	0.0206	0.0461	107.4	1.02
Propazine	µg/l	0.0712	± 0.00831	0.073	0.0095	0.00999	102.6	0.18
Sum Chlordane	µg/l	0.108	± 0.0347	-	-	0.0306	-	-
Sum DDD	µg/l	0.292	± 0.0712	-	-	0.0581	-	-
Sum DDE	µg/l	0.153	± 0.067	-	-	0.0632	-	-
Sum DDT	µg/l	0.172	± 0.0447	-	-	0.0395	-	-
Sum Endosulfan	µg/l	0.575	± 0.153	-	-	0.161	-	-
Thiacloprid	µg/l	-	± -	-	-	-	-	-
Thiamethoxam	µg/l	0.571	± 0.11	-	-	0.104	-	-



The following results were achieved:

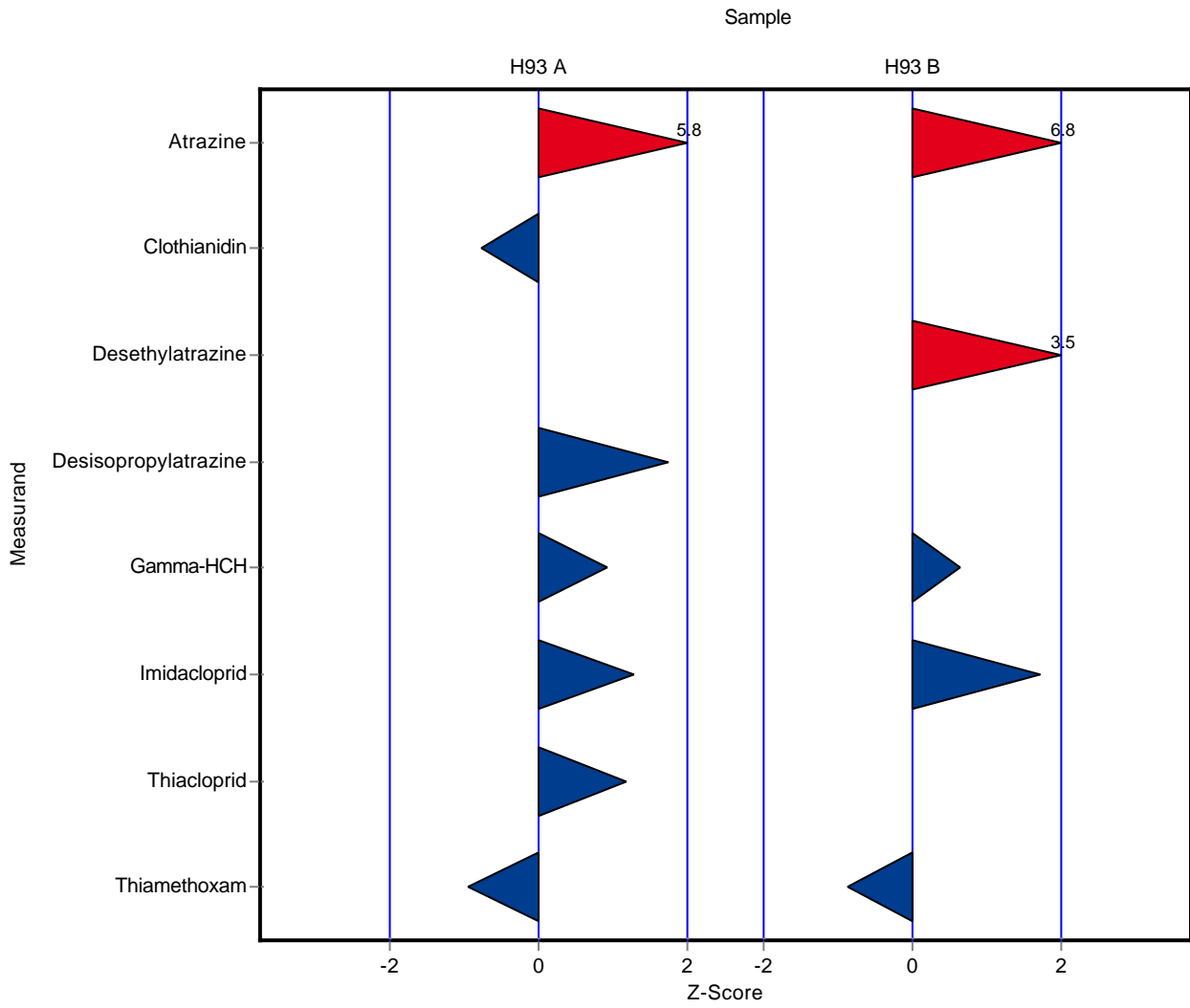
Sample: H93A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	0.544	0.11	-	-	-
Aldrin	µg/l	0.129	± 0.0328	-	-	0.0345	-	-
Atrazine	µg/l	0.577	± 0.0361	0.839	0.17	0.0451	145.4	5.82
Bromacil	µg/l	0.657	± 0.0979	-	-	0.0864	-	-
Clothianidin	µg/l	0.448	± 0.113	0.377	0.075	0.092	84.2	-0.77
Cyanazine	µg/l	-	± -	-	-	-	-	-
Desethylatrazine	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-
Desisopropylatrazine	µg/l	0.0849	± 0.012	0.11	0.02	0.0145	129.5	1.74
Dieldrin	µg/l	0.294	± 0.0215	-	-	0.0227	-	-
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	0.361	± 0.0531	-	-	0.05	-	-
Gamma-HCH	µg/l	0.259	± 0.05	0.312	0.06	0.0577	120.4	0.92
Heptachlor	µg/l	0.195	± 0.0854	-	-	0.09	-	-
Imidacloprid	µg/l	0.196	± 0.0271	0.226	0.045	0.0239	115.4	1.26
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	-	± -	-	-	-	-	-
Propazine	µg/l	0.156	± 0.0167	-	-	0.0201	-	-
Sum Chlordane	µg/l	0.391	± 0.105	-	-	0.0994	-	-
Sum DDD	µg/l	-	± -	-	-	-	-	-
Sum DDE	µg/l	0.494	± 0.16	-	-	0.151	-	-
Sum DDT	µg/l	0.42	± 0.162	-	-	0.162	-	-
Sum Endosulfan	µg/l	0.161	± 0.0842	-	-	0.093	-	-
Thiacloprid	µg/l	0.491	± 0.1	0.594	0.12	0.0885	120.9	1.16
Thiamethoxam	µg/l	0.273	± 0.0293	0.247	0.05	0.0276	90.4	-0.95

Sample: H93B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-
Aldrin	µg/l	0.133	± 0.025	-	-	0.0235	-	-
Atrazine	µg/l	0.305	± 0.0169	0.448	0.09	0.0211	147.1	6.80
Bromacil	µg/l	-	± -	-	-	-	-	-
Clothianidin	µg/l	-	± -	0.158	0.03	-	-	-
Cyanazine	µg/l	0.591	± 0.1	-	-	0.111	-	-
Desethylatrazine	µg/l	0.627	± 0.0552	0.866	0.17	0.0689	138.2	3.48
Desisopropylatrazine	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Dieldrin	µg/l	-	± -	-	-	-	-	-
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	-	± -	-	-	-	-	-
Gamma-HCH	µg/l	0.195	± 0.0531	0.234	0.045	0.0588	119.7	0.66
Heptachlor	µg/l	-	± -	-	-	-	-	-
Imidacloprid	µg/l	0.372	± 0.109	0.538	0.11	0.096	144.7	1.73
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.635	± 0.0461	-	-	0.0461	-	-
Propazine	µg/l	0.0712	± 0.00831	-	-	0.00999	-	-
Sum Chlordane	µg/l	0.108	± 0.0347	-	-	0.0306	-	-
Sum DDD	µg/l	0.292	± 0.0712	-	-	0.0581	-	-
Sum DDE	µg/l	0.153	± 0.067	-	-	0.0632	-	-
Sum DDT	µg/l	0.172	± 0.0447	-	-	0.0395	-	-
Sum Endosulfan	µg/l	0.575	± 0.153	-	-	0.161	-	-
Thiacloprid	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Thiamethoxam	µg/l	0.571	± 0.11	0.482	0.095	0.104	84.4	-0.86



The following results were achieved:

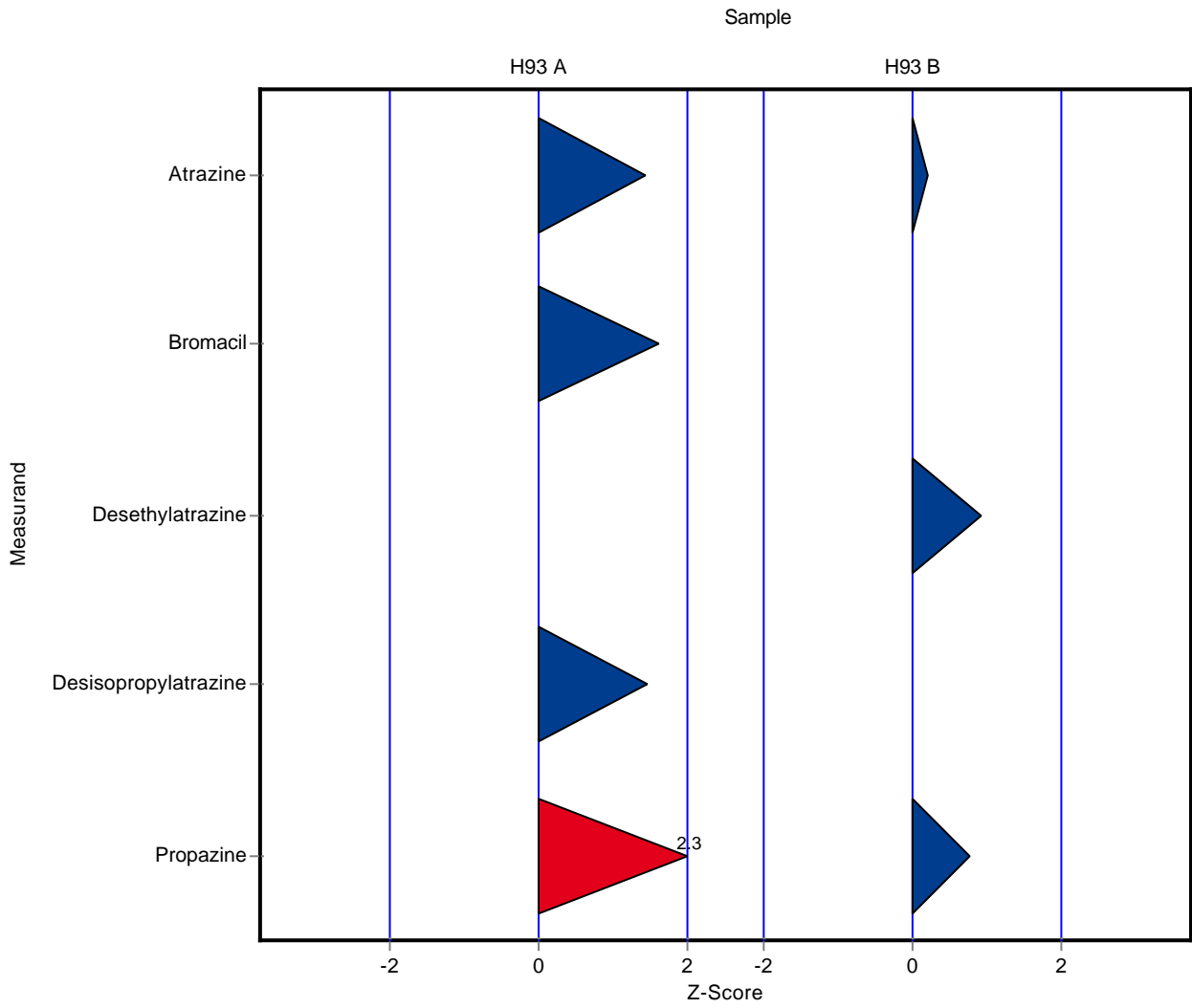
Sample: H93A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.129	± 0.0328	-	-	0.0345	-	-
Atrazine	µg/l	0.577	± 0.0361	0.641	0.052	0.0451	111.1	1.42
Bromacil	µg/l	0.657	± 0.0979	0.796	0.081	0.0864	121.1	1.61
Clothianidin	µg/l	0.448	± 0.113	-	-	0.092	-	-
Cyanazine	µg/l	-	± -	-	-	-	-	-
Desethylatrazine	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-
Desisopropylatrazine	µg/l	0.0849	± 0.012	0.106	0.019	0.0145	124.8	1.46
Dieldrin	µg/l	0.294	± 0.0215	-	-	0.0227	-	-
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	0.361	± 0.0531	-	-	0.05	-	-
Gamma-HCH	µg/l	0.259	± 0.05	-	-	0.0577	-	-
Heptachlor	µg/l	0.195	± 0.0854	-	-	0.09	-	-
Imidacloprid	µg/l	0.196	± 0.0271	-	-	0.0239	-	-
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	-	± -	-	-	-	-	-
Propazine	µg/l	0.156	± 0.0167	0.203	0.026	0.0201	130.2	2.34
Sum Chlordane	µg/l	0.391	± 0.105	-	-	0.0994	-	-
Sum DDD	µg/l	-	± -	-	-	-	-	-
Sum DDE	µg/l	0.494	± 0.16	-	-	0.151	-	-
Sum DDT	µg/l	0.42	± 0.162	-	-	0.162	-	-
Sum Endosulfan	µg/l	0.161	± 0.0842	-	-	0.093	-	-
Thiacloprid	µg/l	0.491	± 0.1	-	-	0.0885	-	-
Thiamethoxam	µg/l	0.273	± 0.0293	-	-	0.0276	-	-

Sample: H93B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.133	± 0.025	-	-	0.0235	-	-
Atrazine	µg/l	0.305	± 0.0169	0.309	0.025	0.0211	101.4	0.21
Bromacil	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-
Clothianidin	µg/l	-	± -	-	-	-	-	-
Cyanazine	µg/l	0.591	± 0.1	-	-	0.111	-	-
Desethylatrazine	µg/l	0.627	± 0.0552	0.691	0.051	0.0689	110.3	0.94
Desisopropylatrazine	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Dieldrin	µg/l	-	± -	-	-	-	-	-
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	-	± -	-	-	-	-	-
Gamma-HCH	µg/l	0.195	± 0.0531	-	-	0.0588	-	-
Heptachlor	µg/l	-	± -	-	-	-	-	-
Imidacloprid	µg/l	0.372	± 0.109	-	-	0.096	-	-
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.635	± 0.0461	-	-	0.0461	-	-
Propazine	µg/l	0.0712	± 0.00831	0.079	0.01	0.00999	111.0	0.79
Sum Chlordane	µg/l	0.108	± 0.0347	-	-	0.0306	-	-
Sum DDD	µg/l	0.292	± 0.0712	-	-	0.0581	-	-
Sum DDE	µg/l	0.153	± 0.067	-	-	0.0632	-	-
Sum DDT	µg/l	0.172	± 0.0447	-	-	0.0395	-	-
Sum Endosulfan	µg/l	0.575	± 0.153	-	-	0.161	-	-
Thiacloprid	µg/l	-	± -	-	-	-	-	-
Thiamethoxam	µg/l	0.571	± 0.11	-	-	0.104	-	-



The following results were achieved:

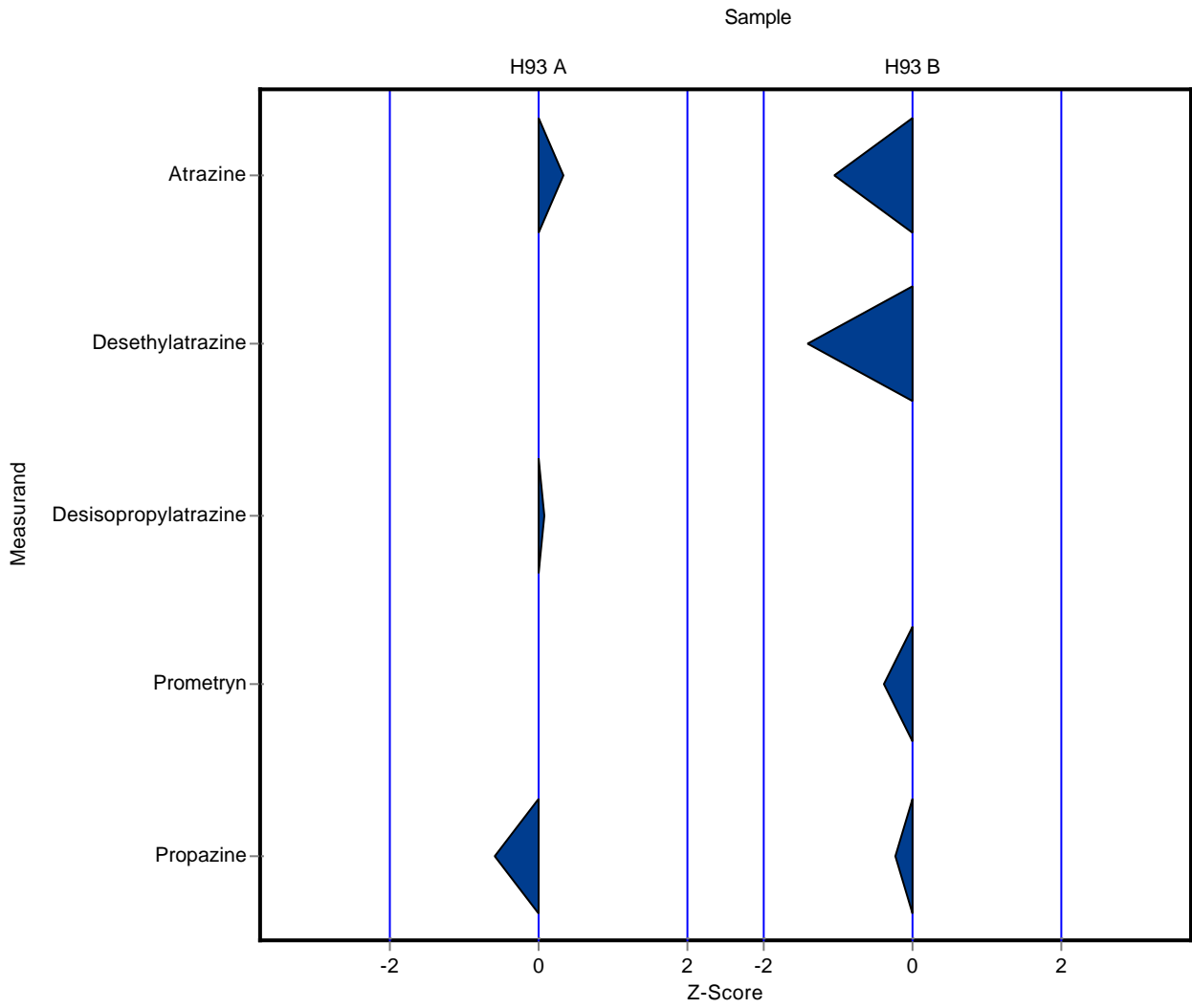
Sample: H93A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.129	± 0.0328	-	-	0.0345	-	-
Atrazine	µg/l	0.577	± 0.0361	0.591	0.178	0.0451	102.5	0.31
Bromacil	µg/l	0.657	± 0.0979	-	-	0.0864	-	-
Clothianidin	µg/l	0.448	± 0.113	-	-	0.092	-	-
Cyanazine	µg/l	-	± -	-	-	-	-	-
Desethylatrazine	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Desisopropylatrazine	µg/l	0.0849	± 0.012	0.086	0.031	0.0145	101.3	0.08
Dieldrin	µg/l	0.294	± 0.0215	-	-	0.0227	-	-
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	0.361	± 0.0531	-	-	0.05	-	-
Gamma-HCH	µg/l	0.259	± 0.05	-	-	0.0577	-	-
Heptachlor	µg/l	0.195	± 0.0854	-	-	0.09	-	-
Imidacloprid	µg/l	0.196	± 0.0271	-	-	0.0239	-	-
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Propazine	µg/l	0.156	± 0.0167	0.144	0.039	0.0201	92.4	-0.59
Sum Chlordane	µg/l	0.391	± 0.105	-	-	0.0994	-	-
Sum DDD	µg/l	-	± -	-	-	-	-	-
Sum DDE	µg/l	0.494	± 0.16	-	-	0.151	-	-
Sum DDT	µg/l	0.42	± 0.162	-	-	0.162	-	-
Sum Endosulfan	µg/l	0.161	± 0.0842	-	-	0.093	-	-
Thiacloprid	µg/l	0.491	± 0.1	-	-	0.0885	-	-
Thiamethoxam	µg/l	0.273	± 0.0293	-	-	0.0276	-	-

Sample: H93B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.133	± 0.025	-	-	0.0235	-	-
Atrazine	µg/l	0.305	± 0.0169	0.283	0.085	0.0211	92.9	-1.03
Bromacil	µg/l	-	± -	-	-	-	-	-
Clothianidin	µg/l	-	± -	-	-	-	-	-
Cyanazine	µg/l	0.591	± 0.1	-	-	0.111	-	-
Desethylatrazine	µg/l	0.627	± 0.0552	0.53	0.212	0.0689	84.6	-1.40
Desisopropylatrazine	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Dieldrin	µg/l	-	± -	-	-	-	-	-
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	-	± -	-	-	-	-	-
Gamma-HCH	µg/l	0.195	± 0.0531	-	-	0.0588	-	-
Heptachlor	µg/l	-	± -	-	-	-	-	-
Imidacloprid	µg/l	0.372	± 0.109	-	-	0.096	-	-
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.635	± 0.0461	0.618	0.182	0.0461	97.3	-0.37
Propazine	µg/l	0.0712	± 0.00831	0.069	0.019	0.00999	97.0	-0.22
Sum Chlordane	µg/l	0.108	± 0.0347	-	-	0.0306	-	-
Sum DDD	µg/l	0.292	± 0.0712	-	-	0.0581	-	-
Sum DDE	µg/l	0.153	± 0.067	-	-	0.0632	-	-
Sum DDT	µg/l	0.172	± 0.0447	-	-	0.0395	-	-
Sum Endosulfan	µg/l	0.575	± 0.153	-	-	0.161	-	-
Thiacloprid	µg/l	-	± -	-	-	-	-	-
Thiamethoxam	µg/l	0.571	± 0.11	-	-	0.104	-	-



The following results were achieved:

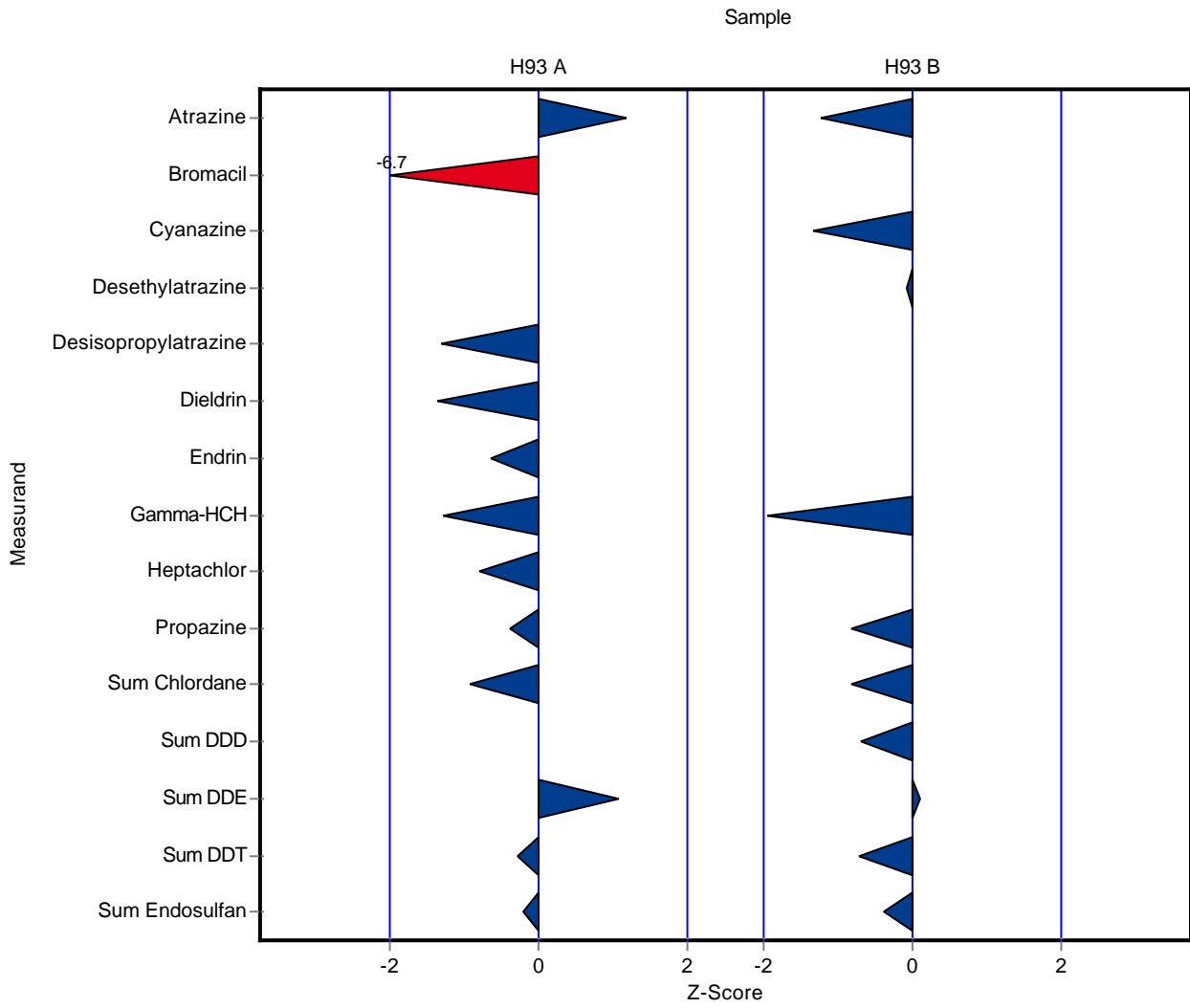
Sample: H93A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.129	± 0.0328	-	-	0.0345	-	-
Atrazine	µg/l	0.577	± 0.0361	0.63	-	0.0451	109.2	1.18
Bromacil	µg/l	0.657	± 0.0979	0.079	-	0.0864	12.0	-6.69
Clothianidin	µg/l	0.448	± 0.113	-	-	0.092	-	-
Cyanazine	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Desethylatrazine	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Desisopropylatrazine	µg/l	0.0849	± 0.012	0.066	-	0.0145	77.7	-1.31
Dieldrin	µg/l	0.294	± 0.0215	0.263	-	0.0227	89.4	-1.38
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	0.361	± 0.0531	0.328	-	0.05	90.9	-0.65
Gamma-HCH	µg/l	0.259	± 0.05	0.185	-	0.0577	71.4	-1.29
Heptachlor	µg/l	0.195	± 0.0854	0.123	-	0.09	63.1	-0.80
Imidacloprid	µg/l	0.196	± 0.0271	-	-	0.0239	-	-
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	-	± -	-	-	-	-	-
Propazine	µg/l	0.156	± 0.0167	0.148	-	0.0201	94.9	-0.39
Sum Chlordane	µg/l	0.391	± 0.105	0.299	-	0.0994	76.5	-0.92
Sum DDD	µg/l	-	± -	0.149	-	-	-	-
Sum DDE	µg/l	0.494	± 0.16	0.654	-	0.151	132.3	1.06
Sum DDT	µg/l	0.42	± 0.162	0.374	-	0.162	89.0	-0.29
Sum Endosulfan	µg/l	0.161	± 0.0842	0.141	-	0.093	87.7	-0.21
Thiacloprid	µg/l	0.491	± 0.1	-	-	0.0885	-	-
Thiamethoxam	µg/l	0.273	± 0.0293	-	-	0.0276	-	-

Sample: H93B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.133	± 0.025	-	-	0.0235	-	-
Atrazine	µg/l	0.305	± 0.0169	0.279	-	0.0211	91.6	-1.22
Bromacil	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Clothianidin	µg/l	-	± -	-	-	-	-	-
Cyanazine	µg/l	0.591	± 0.1	0.446	-	0.111	75.4	-1.31
Desethylatrazine	µg/l	0.627	± 0.0552	0.622	-	0.0689	99.3	-0.07
Desisopropylatrazine	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Dieldrin	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Gamma-HCH	µg/l	0.195	± 0.0531	0.082	-	0.0588	42.0	-1.93
Heptachlor	µg/l	-	± -	0.015	-	-	-	-
Imidacloprid	µg/l	0.372	± 0.109	-	-	0.096	-	-
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.635	± 0.0461	-	-	0.0461	-	-
Propazine	µg/l	0.0712	± 0.00831	0.063	-	0.00999	88.5	-0.82
Sum Chlordane	µg/l	0.108	± 0.0347	0.083	-	0.0306	77.2	-0.80
Sum DDD	µg/l	0.292	± 0.0712	0.252	-	0.0581	86.3	-0.69
Sum DDE	µg/l	0.153	± 0.067	0.16	-	0.0632	104.3	0.10
Sum DDT	µg/l	0.172	± 0.0447	0.144	-	0.0395	83.7	-0.71
Sum Endosulfan	µg/l	0.575	± 0.153	0.515	-	0.161	89.6	-0.37
Thiacloprid	µg/l	-	± -	-	-	-	-	-
Thiamethoxam	µg/l	0.571	± 0.11	-	-	0.104	-	-



The following results were achieved:

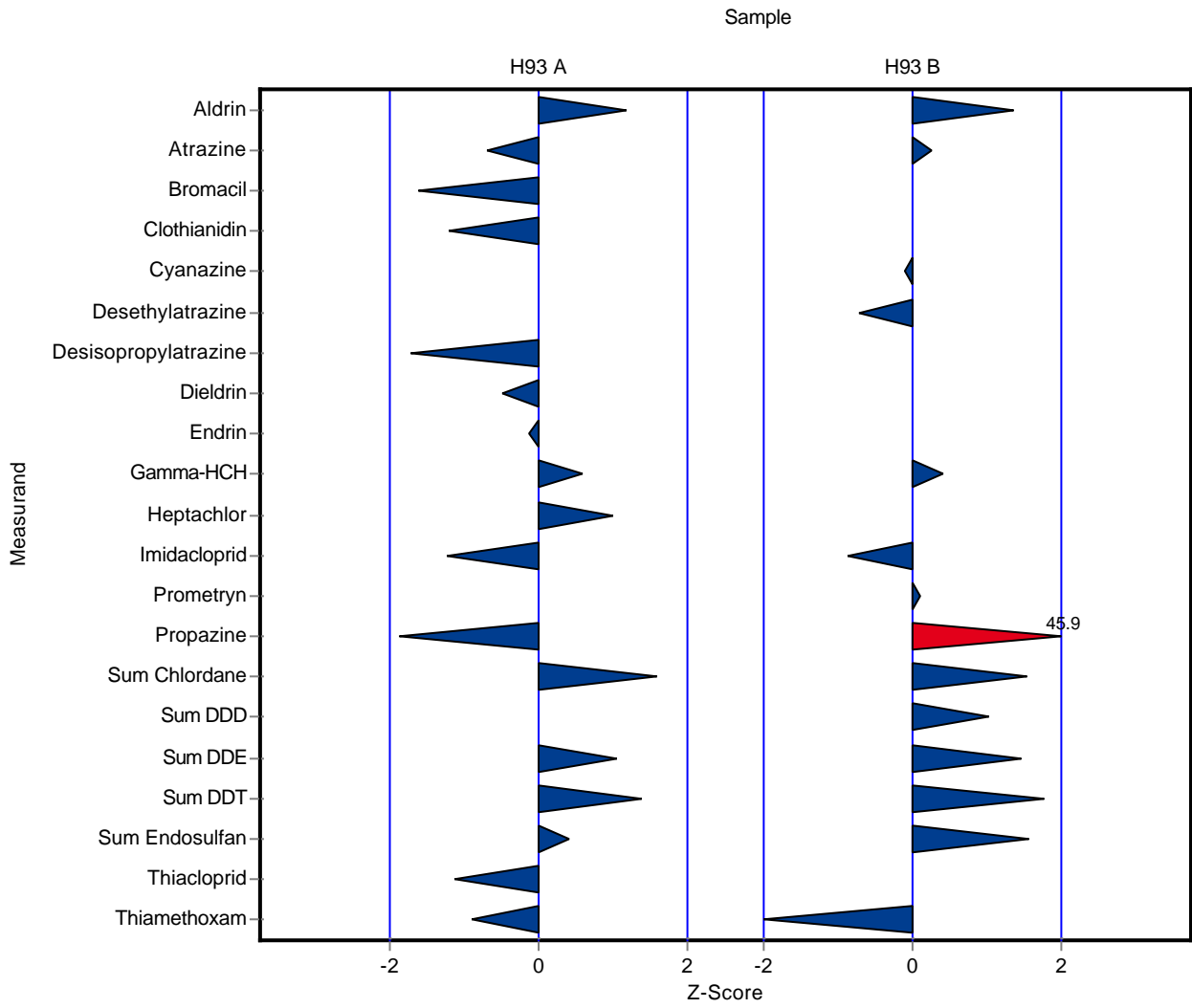
Sample: H93A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	0.462	-	-	-	-
Aldrin	µg/l	0.129	± 0.0328	0.169	-	0.0345	131.5	1.17
Atrazine	µg/l	0.577	± 0.0361	0.545	-	0.0451	94.5	-0.71
Bromacil	µg/l	0.657	± 0.0979	0.517	-	0.0864	78.7	-1.62
Clothianidin	µg/l	0.448	± 0.113	0.336	-	0.092	75.0	-1.22
Cyanazine	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Desethylatrazine	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Desisopropylatrazine	µg/l	0.0849	± 0.012	0.06	-	0.0145	70.7	-1.72
Dieldrin	µg/l	0.294	± 0.0215	0.283	-	0.0227	96.2	-0.49
Dinotefurane	µg/l	-	± -	0.385	-	-	-	-
Endrin	µg/l	0.361	± 0.0531	0.354	-	0.05	98.1	-0.13
Gamma-HCH	µg/l	0.259	± 0.05	0.292	-	0.0577	112.7	0.57
Heptachlor	µg/l	0.195	± 0.0854	0.283	-	0.09	145.2	0.98
Imidacloprid	µg/l	0.196	± 0.0271	0.166	-	0.0239	84.8	-1.25
Nitenpyram	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Prometryn	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Propazine	µg/l	0.156	± 0.0167	0.118	-	0.0201	75.7	-1.89
Sum Chlordane	µg/l	0.391	± 0.105	0.548	-	0.0994	140.2	1.58
Sum DDD	µg/l	-	± -	0.245	-	-	-	-
Sum DDE	µg/l	0.494	± 0.16	0.652	-	0.151	131.9	1.04
Sum DDT	µg/l	0.42	± 0.162	0.642	-	0.162	152.8	1.37
Sum Endosulfan	µg/l	0.161	± 0.0842	0.197	-	0.093	122.6	0.39
Thiacloprid	µg/l	0.491	± 0.1	0.391	-	0.0885	79.6	-1.13
Thiamethoxam	µg/l	0.273	± 0.0293	0.248	-	0.0276	90.8	-0.91

Sample: H93B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Aldrin	µg/l	0.133	± 0.025	0.165	-	0.0235	124.4	1.38
Atrazine	µg/l	0.305	± 0.0169	0.31	-	0.0211	101.8	0.25
Bromacil	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Clothianidin	µg/l	-	± -	0.158	-	-	-	-
Cyanazine	µg/l	0.591	± 0.1	0.58	-	0.111	98.1	-0.10
Desethylatrazine	µg/l	0.627	± 0.0552	0.578	-	0.0689	92.3	-0.70
Desisopropylatrazine	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Dieldrin	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Dinotefurane	µg/l	-	± -	0.204	-	-	-	-
Endrin	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Gamma-HCH	µg/l	0.195	± 0.0531	0.22	-	0.0588	112.6	0.42
Heptachlor	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Imidacloprid	µg/l	0.372	± 0.109	0.289	-	0.096	77.7	-0.86
Nitenpyram	µg/l	-	± -	0.503	-	-	-	-
Prometryn	µg/l	0.635	± 0.0461	0.64	-	0.0461	100.8	0.11
Propazine	µg/l	0.0712	± 0.00831	0.53	-	0.00999	744.9	45.93
Sum Chlordane	µg/l	0.108	± 0.0347	0.155	-	0.0306	144.2	1.55
Sum DDD	µg/l	0.292	± 0.0712	0.352	-	0.0581	120.5	1.03
Sum DDE	µg/l	0.153	± 0.067	0.246	-	0.0632	160.4	1.47
Sum DDT	µg/l	0.172	± 0.0447	0.242	-	0.0395	140.6	1.77
Sum Endosulfan	µg/l	0.575	± 0.153	0.83	-	0.161	144.4	1.58
Thiacloprid	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Thiamethoxam	µg/l	0.571	± 0.11	0.365	-	0.104	63.9	-1.98



The following results were achieved:

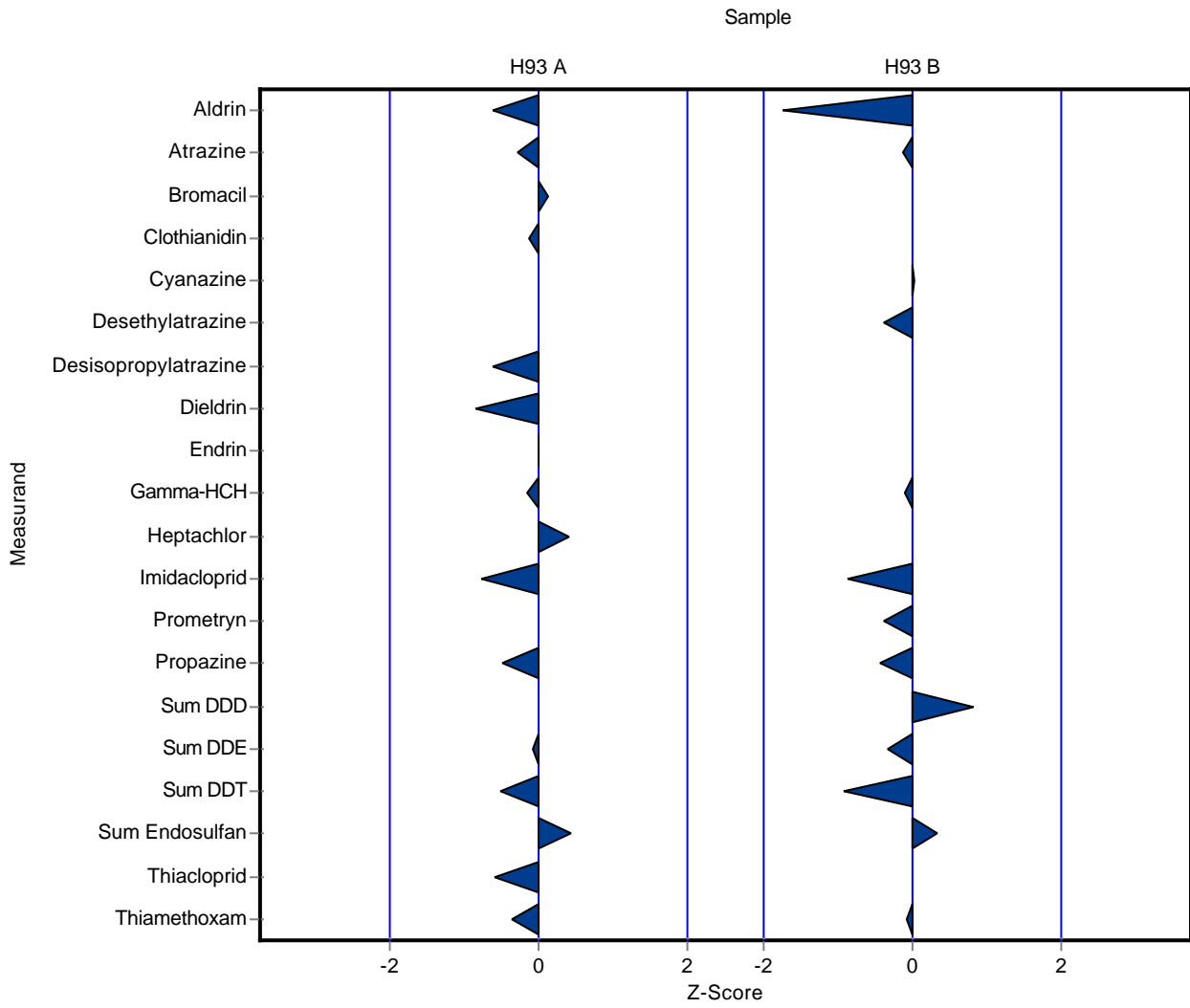
Sample: H93A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.129	± 0.0328	0.107	0.01	0.0345	83.3	-0.62
Atrazine	µg/l	0.577	± 0.0361	0.564	0.03	0.0451	97.8	-0.29
Bromacil	µg/l	0.657	± 0.0979	0.667	0.02	0.0864	101.5	0.11
Clothianidin	µg/l	0.448	± 0.113	0.435	0.004	0.092	97.1	-0.14
Cyanazine	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-
Desethylatrazine	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-
Desisopropylatrazine	µg/l	0.0849	± 0.012	0.0759	0.007	0.0145	89.4	-0.62
Dieldrin	µg/l	0.294	± 0.0215	0.275	0.01	0.0227	93.5	-0.85
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	0.361	± 0.0531	0.36	0.02	0.05	99.8	-0.01
Gamma-HCH	µg/l	0.259	± 0.05	0.25	0.02	0.0577	96.5	-0.16
Heptachlor	µg/l	0.195	± 0.0854	0.23	0.01	0.09	118.0	0.39
Imidacloprid	µg/l	0.196	± 0.0271	0.177	0.01	0.0239	90.4	-0.79
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-
Propazine	µg/l	0.156	± 0.0167	0.146	0.005	0.0201	93.6	-0.49
Sum Chlordane	µg/l	0.391	± 0.105	-	-	0.0994	-	-
Sum DDD	µg/l	-	± -	0.33	0.02	-	-	-
Sum DDE	µg/l	0.494	± 0.16	0.483	0.03	0.151	97.7	-0.07
Sum DDT	µg/l	0.42	± 0.162	0.337	0.02	0.162	80.2	-0.51
Sum Endosulfan	µg/l	0.161	± 0.0842	0.2	0.01	0.093	124.4	0.42
Thiacloprid	µg/l	0.491	± 0.1	0.437	0.004	0.0885	89.0	-0.61
Thiamethoxam	µg/l	0.273	± 0.0293	0.263	0.003	0.0276	96.3	-0.37

Sample: H93B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.133	± 0.025	0.0917	0.01	0.0235	69.2	-1.74
Atrazine	µg/l	0.305	± 0.0169	0.302	0.02	0.0211	99.1	-0.13
Bromacil	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-
Clothianidin	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-
Cyanazine	µg/l	0.591	± 0.1	0.594	0.007	0.111	100.5	0.03
Desethylatrazine	µg/l	0.627	± 0.0552	0.6	0.01	0.0689	95.8	-0.38
Desisopropylatrazine	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Dieldrin	µg/l	-	± -	0.008	0.0003	-	-	-
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	-	± -	0.0091	0.002	-	-	-
Gamma-HCH	µg/l	0.195	± 0.0531	0.19	0.02	0.0588	97.2	-0.09
Heptachlor	µg/l	-	± -	0.0104	0.001	-	-	-
Imidacloprid	µg/l	0.372	± 0.109	0.29	0.01	0.096	78.0	-0.85
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.635	± 0.0461	0.618	0.01	0.0461	97.3	-0.37
Propazine	µg/l	0.0712	± 0.00831	0.067	0.005	0.00999	94.2	-0.42
Sum Chlordane	µg/l	0.108	± 0.0347	-	-	0.0306	-	-
Sum DDD	µg/l	0.292	± 0.0712	0.34	0.02	0.0581	116.4	0.83
Sum DDE	µg/l	0.153	± 0.067	0.133	0.01	0.0632	86.7	-0.32
Sum DDT	µg/l	0.172	± 0.0447	0.136	0.01	0.0395	79.0	-0.92
Sum Endosulfan	µg/l	0.575	± 0.153	0.631	0.07	0.161	109.8	0.35
Thiacloprid	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-
Thiamethoxam	µg/l	0.571	± 0.11	0.565	0.006	0.104	98.9	-0.06



The following results were achieved:

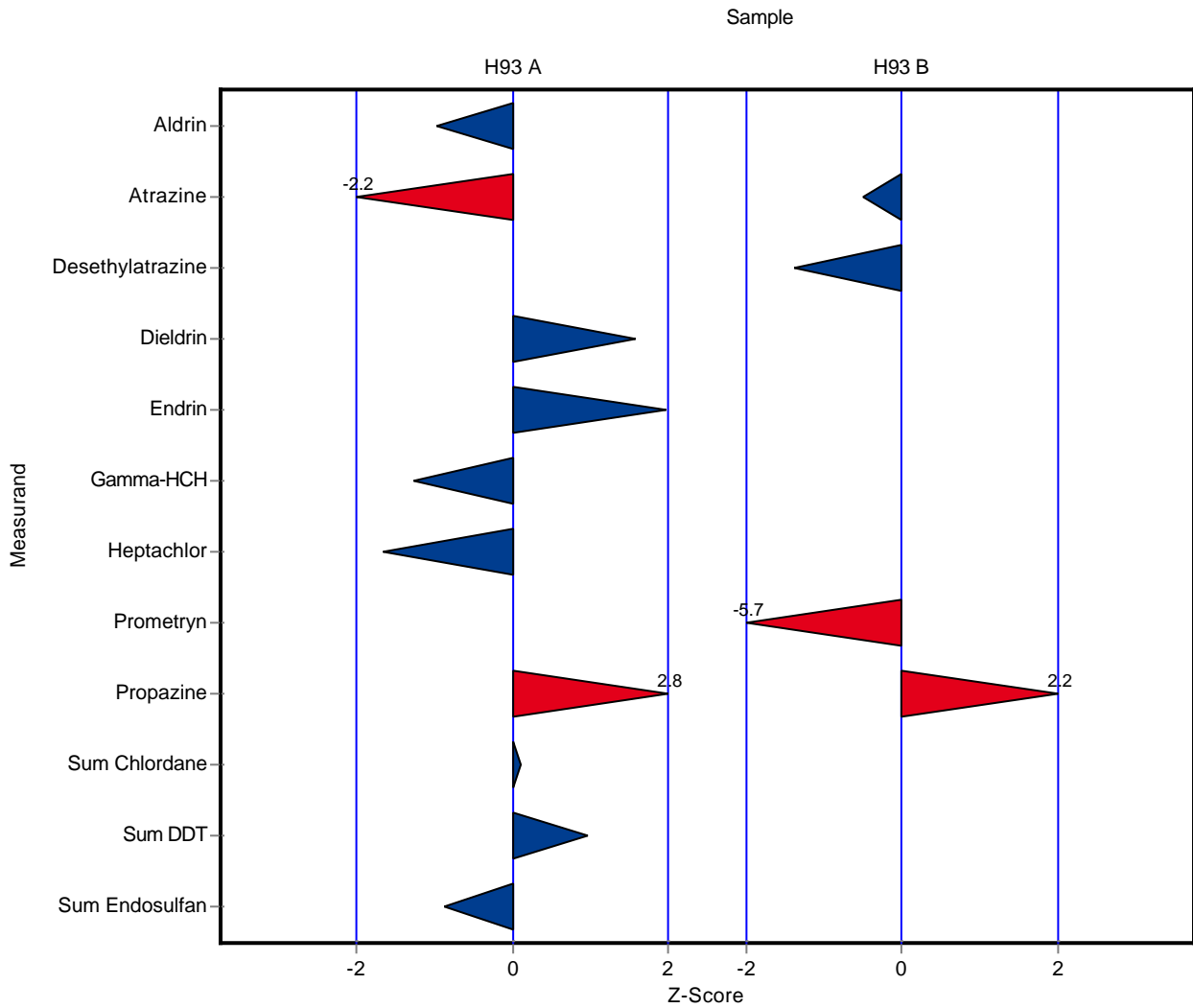
Sample: H93A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.129	± 0.0328	0.095	0.021	0.0345	73.9	-0.97
Atrazine	µg/l	0.577	± 0.0361	0.478	0.095	0.0451	82.9	-2.19
Bromacil	µg/l	0.657	± 0.0979	-	-	0.0864	-	-
Clothianidin	µg/l	0.448	± 0.113	-	-	0.092	-	-
Cyanazine	µg/l	-	± -	-	-	-	-	-
Desethylatrazine	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-
Desisopropylatrazine	µg/l	0.0849	± 0.012	<0.02 (LOQ)	-	0.0145	-	-
Dieldrin	µg/l	0.294	± 0.0215	0.33	0.068	0.0227	112.2	1.58
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	0.361	± 0.0531	0.46	0.096	0.05	127.5	1.98
Gamma-HCH	µg/l	0.259	± 0.05	0.186	0.039	0.0577	71.8	-1.27
Heptachlor	µg/l	0.195	± 0.0854	0.045	0.009	0.09	23.1	-1.67
Imidacloprid	µg/l	0.196	± 0.0271	-	-	0.0239	-	-
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-
Propazine	µg/l	0.156	± 0.0167	0.213	0.048	0.0201	136.6	2.84
Sum Chlordane	µg/l	0.391	± 0.105	0.402	0.086	0.0994	102.8	0.11
Sum DDD	µg/l	-	± -	-	-	-	-	-
Sum DDE	µg/l	0.494	± 0.16	-	-	0.151	-	-
Sum DDT	µg/l	0.42	± 0.162	0.576	0.119	0.162	137.1	0.96
Sum Endosulfan	µg/l	0.161	± 0.0842	0.079	0.018	0.093	49.2	-0.88
Thiacloprid	µg/l	0.491	± 0.1	-	-	0.0885	-	-
Thiamethoxam	µg/l	0.273	± 0.0293	-	-	0.0276	-	-

Sample: H93B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.133	± 0.025	-	-	0.0235	-	-
Atrazine	µg/l	0.305	± 0.0169	0.294	0.03	0.0211	96.5	-0.51
Bromacil	µg/l	-	± -	-	-	-	-	-
Clothianidin	µg/l	-	± -	-	-	-	-	-
Cyanazine	µg/l	0.591	± 0.1	-	-	0.111	-	-
Desethylatrazine	µg/l	0.627	± 0.0552	0.532	0.05	0.0689	84.9	-1.37
Desisopropylatrazine	µg/l	-	± -	-	-	-	-	-

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Dieldrin	µg/l	-	± -	-	-	-	-	-
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	-	± -	-	-	-	-	-
Gamma-HCH	µg/l	0.195	± 0.0531	-	-	0.0588	-	-
Heptachlor	µg/l	-	± -	-	-	-	-	-
Imidacloprid	µg/l	0.372	± 0.109	-	-	0.096	-	-
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.635	± 0.0461	0.374	0.04	0.0461	58.9	-5.66
Propazine	µg/l	0.0712	± 0.00831	0.093	0.01	0.00999	130.7	2.19
Sum Chlordane	µg/l	0.108	± 0.0347	-	-	0.0306	-	-
Sum DDD	µg/l	0.292	± 0.0712	-	-	0.0581	-	-
Sum DDE	µg/l	0.153	± 0.067	-	-	0.0632	-	-
Sum DDT	µg/l	0.172	± 0.0447	-	-	0.0395	-	-
Sum Endosulfan	µg/l	0.575	± 0.153	-	-	0.161	-	-
Thiacloprid	µg/l	-	± -	-	-	-	-	-
Thiamethoxam	µg/l	0.571	± 0.11	-	-	0.104	-	-



The following results were achieved:

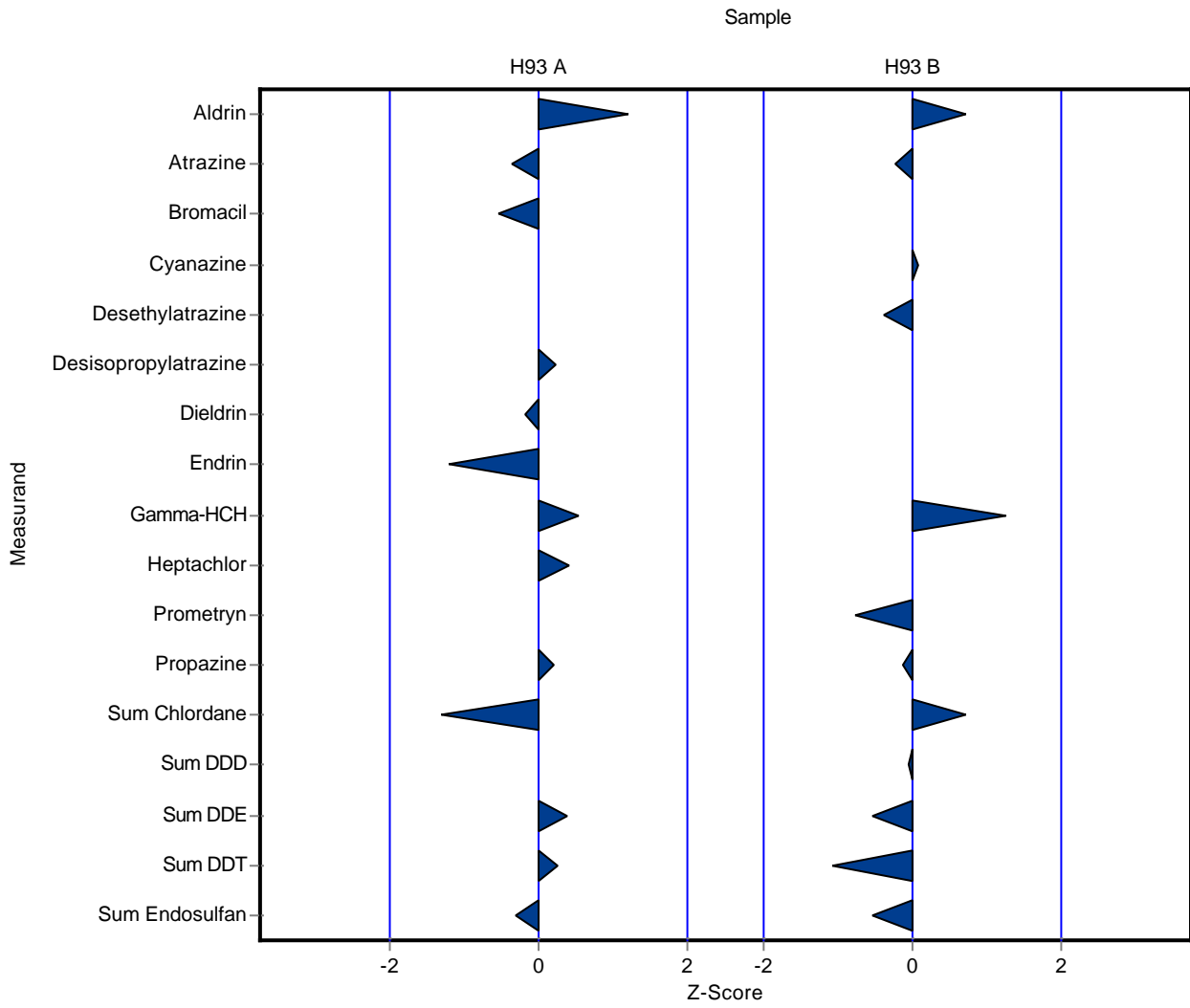
Sample: H93A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.129	± 0.0328	0.17	0.026	0.0345	132.3	1.20
Atrazine	µg/l	0.577	± 0.0361	0.56	0.084	0.0451	97.1	-0.37
Bromacil	µg/l	0.657	± 0.0979	0.61	0.18	0.0864	92.8	-0.55
Clothianidin	µg/l	0.448	± 0.113	-	-	0.092	-	-
Cyanazine	µg/l	-	± -	<0.015 (LOQ)	-	-	-	-
Desethylatrazine	µg/l	-	± -	0.01	0.002	-	-	-
Desisopropylatrazine	µg/l	0.0849	± 0.012	0.088	0.022	0.0145	103.6	0.21
Dieldrin	µg/l	0.294	± 0.0215	0.29	0.044	0.0227	98.6	-0.19
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	0.361	± 0.0531	0.3	0.045	0.05	83.2	-1.21
Gamma-HCH	µg/l	0.259	± 0.05	0.29	0.044	0.0577	111.9	0.53
Heptachlor	µg/l	0.195	± 0.0854	0.23	0.046	0.09	118.0	0.39
Imidacloprid	µg/l	0.196	± 0.0271	-	-	0.0239	-	-
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Propazine	µg/l	0.156	± 0.0167	0.16	0.024	0.0201	102.6	0.20
Sum Chlordane	µg/l	0.391	± 0.105	0.26	0.039	0.0994	66.5	-1.32
Sum DDD	µg/l	-	± -	0.19	0.029	-	-	-
Sum DDE	µg/l	0.494	± 0.16	0.55	0.083	0.151	111.3	0.37
Sum DDT	µg/l	0.42	± 0.162	0.46	0.074	0.162	109.5	0.25
Sum Endosulfan	µg/l	0.161	± 0.0842	0.13	0.02	0.093	80.9	-0.33
Thiacloprid	µg/l	0.491	± 0.1	-	-	0.0885	-	-
Thiamethoxam	µg/l	0.273	± 0.0293	-	-	0.0276	-	-

Sample: H93B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.133	± 0.025	0.15	0.023	0.0235	113.1	0.74
Atrazine	µg/l	0.305	± 0.0169	0.3	0.045	0.0211	98.5	-0.22
Bromacil	µg/l	-	± -	<0.03 (LOQ)	-	-	-	-
Clothianidin	µg/l	-	± -	-	-	-	-	-
Cyanazine	µg/l	0.591	± 0.1	0.6	0.15	0.111	101.5	0.08
Desethylatrazine	µg/l	0.627	± 0.0552	0.6	0.12	0.0689	95.8	-0.38
Desisopropylatrazine	µg/l	-	± -	<0.03 (LOQ)	-	-	-	-

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
Dieldrin	µg/l	-	±	-	<0.002 (LOQ)	-	-	-	-
Dinotefurane	µg/l	-	±	-	-	-	-	-	-
Endrin	µg/l	-	±	-	<0.002 (LOQ)	-	-	-	-
Gamma-HCH	µg/l	0.195	±	0.0531	0.27	0.041	0.0588	138.1	1.27
Heptachlor	µg/l	-	±	-	<0.005 (LOQ)	-	-	-	-
Imidacloprid	µg/l	0.372	±	0.109	-	-	0.096	-	-
Nitenpyram	µg/l	-	±	-	-	-	-	-	-
Prometryn	µg/l	0.635	±	0.0461	0.6	0.12	0.0461	94.5	-0.76
Propazine	µg/l	0.0712	±	0.00831	0.07	0.011	0.00999	98.4	-0.12
Sum Chlordane	µg/l	0.108	±	0.0347	0.13	0.02	0.0306	120.9	0.74
Sum DDD	µg/l	0.292	±	0.0712	0.29	0.044	0.0581	99.3	-0.03
Sum DDE	µg/l	0.153	±	0.067	0.12	0.018	0.0632	78.2	-0.53
Sum DDT	µg/l	0.172	±	0.0447	0.13	0.021	0.0395	75.5	-1.07
Sum Endosulfan	µg/l	0.575	±	0.153	0.49	0.074	0.161	85.2	-0.53
Thiacloprid	µg/l	-	±	-	-	-	-	-	-
Thiamethoxam	µg/l	0.571	±	0.11	-	-	0.104	-	-



The following results were achieved:

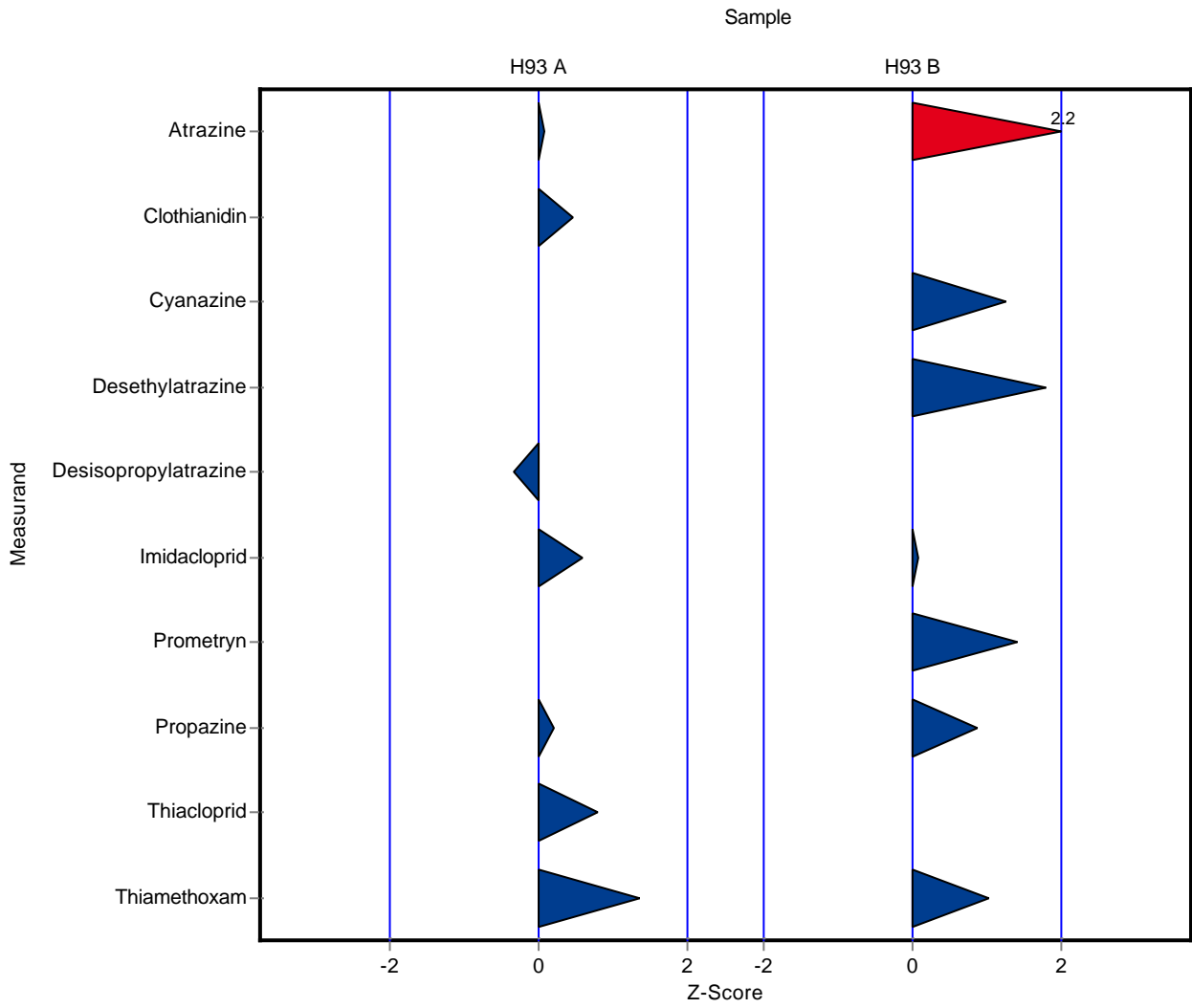
Sample: H93A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	0.52	-	-	-	-
Aldrin	µg/l	0.129	± 0.0328	-	-	0.0345	-	-
Atrazine	µg/l	0.577	± 0.0361	0.58	0.06	0.0451	100.5	0.07
Bromacil	µg/l	0.657	± 0.0979	-	-	0.0864	-	-
Clothianidin	µg/l	0.448	± 0.113	0.49	-	0.092	109.4	0.46
Cyanazine	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Desethylatrazine	µg/l	-	± -	0.05	0.01	-	-	-
Desisopropylatrazine	µg/l	0.0849	± 0.012	0.08	0.01	0.0145	94.2	-0.34
Dieldrin	µg/l	0.294	± 0.0215	-	-	0.0227	-	-
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	0.361	± 0.0531	-	-	0.05	-	-
Gamma-HCH	µg/l	0.259	± 0.05	-	-	0.0577	-	-
Heptachlor	µg/l	0.195	± 0.0854	-	-	0.09	-	-
Imidacloprid	µg/l	0.196	± 0.0271	0.21	-	0.0239	107.2	0.59
Nitenpyram	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Prometryn	µg/l	-	± -	<0.04 (LOQ)	-	-	-	-
Propazine	µg/l	0.156	± 0.0167	0.16	0.03	0.0201	102.6	0.20
Sum Chlordane	µg/l	0.391	± 0.105	-	-	0.0994	-	-
Sum DDD	µg/l	-	± -	-	-	-	-	-
Sum DDE	µg/l	0.494	± 0.16	-	-	0.151	-	-
Sum DDT	µg/l	0.42	± 0.162	-	-	0.162	-	-
Sum Endosulfan	µg/l	0.161	± 0.0842	-	-	0.093	-	-
Thiacloprid	µg/l	0.491	± 0.1	0.56	-	0.0885	114.0	0.78
Thiamethoxam	µg/l	0.273	± 0.0293	0.31	-	0.0276	113.5	1.33

Sample: H93B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-
Aldrin	µg/l	0.133	± 0.025	-	-	0.0235	-	-
Atrazine	µg/l	0.305	± 0.0169	0.35	0.04	0.0211	114.9	2.15
Bromacil	µg/l	-	± -	-	-	-	-	-
Clothianidin	µg/l	-	± -	0.23	-	-	-	-
Cyanazine	µg/l	0.591	± 0.1	0.73	-	0.111	123.5	1.25
Desethylatrazine	µg/l	0.627	± 0.0552	0.75	0.08	0.0689	119.7	1.79
Desisopropylatrazine	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Dieldrin	µg/l	-	± -	-	-	-	-	-
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	-	± -	-	-	-	-	-
Gamma-HCH	µg/l	0.195	± 0.0531	-	-	0.0588	-	-
Heptachlor	µg/l	-	± -	-	-	-	-	-
Imidacloprid	µg/l	0.372	± 0.109	0.38	-	0.096	102.2	0.08
Nitenpyram	µg/l	-	± -	0.86	-	-	-	-
Prometryn	µg/l	0.635	± 0.0461	0.7	0.1	0.0461	110.3	1.41
Propazine	µg/l	0.0712	± 0.00831	0.08	0.01	0.00999	112.4	0.89
Sum Chlordane	µg/l	0.108	± 0.0347	-	-	0.0306	-	-
Sum DDD	µg/l	0.292	± 0.0712	-	-	0.0581	-	-
Sum DDE	µg/l	0.153	± 0.067	-	-	0.0632	-	-
Sum DDT	µg/l	0.172	± 0.0447	-	-	0.0395	-	-
Sum Endosulfan	µg/l	0.575	± 0.153	-	-	0.161	-	-
Thiacloprid	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Thiamethoxam	µg/l	0.571	± 0.11	0.68	-	0.104	119.0	1.05



The following results were achieved:

Sample: H93A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.129	± 0.0328	0.147	0.015	0.0345	114.4	0.54
Atrazine	µg/l	0.577	± 0.0361	0.632	0.063	0.0451	109.6	1.22
Bromacil	µg/l	0.657	± 0.0979	0.687	0.103	0.0864	104.5	0.34
Clothianidin	µg/l	0.448	± 0.113	-	-	0.092	-	-
Cyanazine	µg/l	-	± -	<0.03 (LOQ)	-	-	-	-
Desethylatrazine	µg/l	-	± -	<0.03 (LOQ)	-	-	-	-
Desisopropylatrazine	µg/l	0.0849	± 0.012	0.079	0.008	0.0145	93.0	-0.41
Dieldrin	µg/l	0.294	± 0.0215	0.336	0.034	0.0227	114.2	1.84
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Endrin	µg/l	0.361	± 0.0531	0.402	0.041	0.05	111.4	0.82
Gamma-HCH	µg/l	0.259	± 0.05	0.349	0.035	0.0577	134.7	1.56
Heptachlor	µg/l	0.195	± 0.0854	0.351	0.035	0.09	180.1	1.73
Imidacloprid	µg/l	0.196	± 0.0271	-	-	0.0239	-	-
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	-	± -	<0.03 (LOQ)	-	-	-	-
Propazine	µg/l	0.156	± 0.0167	0.167	0.017	0.0201	107.1	0.55
Sum Chlordane	µg/l	0.391	± 0.105	0.484	0.049	0.0994	123.8	0.94
Sum DDD	µg/l	-	± -	-	-	-	-	-
Sum DDE	µg/l	0.494	± 0.16	0.523	0.053	0.151	105.8	0.19
Sum DDT	µg/l	0.42	± 0.162	0.451	0.045	0.162	107.3	0.19
Sum Endosulfan	µg/l	0.161	± 0.0842	0.209	0.021	0.093	130.0	0.52
Thiacloprid	µg/l	0.491	± 0.1	-	-	0.0885	-	-
Thiamethoxam	µg/l	0.273	± 0.0293	0.277	0.041	0.0276	101.4	0.14

Sample: H93B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.133	± 0.025	0.147	0.015	0.0235	110.9	0.61
Atrazine	µg/l	0.305	± 0.0169	0.312	0.031	0.0211	102.4	0.35
Bromacil	µg/l	-	± -	<0.03 (LOQ)	-	-	-	-
Clothianidin	µg/l	-	± -	-	-	-	-	-
Cyanazine	µg/l	0.591	± 0.1	0.655	0.066	0.111	110.8	0.58
Desethylatrazine	µg/l	0.627	± 0.0552	0.656	0.066	0.0689	104.7	0.43
Desisopropylatrazine	µg/l	-	± -	<0.03 (LOQ)	-	-	-	-

Parameter	Unit	Target	±	CI(99%)	Result	± U	Criteria	Recovery	z-score
Dieldrin	µg/l	-	±	-	<0.03 (LOQ)	-	-	-	-
Dinotefurane	µg/l	-	±	-	-	-	-	-	-
Endrin	µg/l	-	±	-	<0.03 (LOQ)	-	-	-	-
Gamma-HCH	µg/l	0.195	±	0.0531	0.262	0.027	0.0588	134.0	1.13
Heptachlor	µg/l	-	±	-	<0.03 (LOQ)	-	-	-	-
Imidacloprid	µg/l	0.372	±	0.109	-	-	0.096	-	-
Nitenpyram	µg/l	-	±	-	-	-	-	-	-
Prometryn	µg/l	0.635	±	0.0461	0.689	0.103	0.0461	108.5	1.17
Propazine	µg/l	0.0712	±	0.00831	0.068	0.007	0.00999	95.6	-0.32
Sum Chlordane	µg/l	0.108	±	0.0347	0.119	0.012	0.0306	110.7	0.38
Sum DDD	µg/l	0.292	±	0.0712	-	-	0.0581	-	-
Sum DDE	µg/l	0.153	±	0.067	0.223	0.023	0.0632	145.4	1.10
Sum DDT	µg/l	0.172	±	0.0447	0.193	0.02	0.0395	112.1	0.53
Sum Endosulfan	µg/l	0.575	±	0.153	0.721	0.072	0.161	125.4	0.91
Thiacloprid	µg/l	-	±	-	-	-	-	-	-
Thiamethoxam	µg/l	0.571	±	0.11	0.567	0.085	0.104	99.3	-0.04

