Table of assigned values

Parameter	Sample	Unit	Assigned value	±	U (k=2)	Criterion	Criterion [%]
2,4,5-Trichlorophenoxyacetic acid	H003 A	µg/l	0.153	±	0.0114	0.0275	18
	H003 B	µg/l	0.341	±	0.0365	0.0615	18
2,4-D (2,4-Dichlorphenoxyaceticacid)	H003 A	µg/l	0.734	±	0.0275	0.103	14
	H003 B	µg/l	0.348	±	0.0129	0.0487	14
2,6-Dichlorobenzamide	H003 A	µg/l	0.217	±	0.00924	0.0325	15
	H003 B	µg/l	0.437	±	0.017	0.0655	15
Alachlor	H003 A	µg/l	0.106	±	0.00457	0.0127	12
	H003 B	µg/l	0.487	±	0.0145	0.0585	12
Alachlor-t-acid (Alachlor-OA)	H003 A	µg/l	0.935	±	0.057	0.14	15
	H003 B	µg/l	0.185	±	0.0171	0.0278	15
Alachlor-t-sulfonic acid (Alachlor-ESA)	H003 A	µg/l	0.291	±	0.0115	0.0378	13
	H003 B	µg/l	0.29	±	0.0395	0.0608	21
AMPA	H003 A	µg/l	1	±	0.0378	0.13	13
	H003 B	µg/l	0.562	±	0.0415	0.073	13
Atrazine	H003 A	µg/l	0.153	±	0.00407	0.0168	11
	H003 B	µg/l	0.658	±	0.0171	0.0724	11
Atrazine-desethyl	H003 A	µg/l	0.594	±	0.0215	0.0712	12
	H003 B	µg/l	0.275	±	0.0128	0.033	12
Atrazine-desethyl-desisopropyl	H003 A	µg/l	0.166	±	0.0155	0.0515	31
	H003 B	µg/l	0.423	±	0.0502	0.131	31
Atrazine-desisopropyl	H003 A	µg/l	0.245	±	0.0211	0.0441	18
	H003 B	µg/l	0.242	±	0.0176	0.0387	16
Bentazone	H003 A	µg/l	0.166	±	0.00606	0.0248	15
	H003 B	µg/l	0.735	±	0.0273	0.11	15
Chloridazon-desphenyl	H003 A	µg/l	0.129	±	0.00676	0.0142	11
	H003 B	µg/l	0.245	±	0.0118	0.0269	11
Chlorothalonil-4-hydroxy	H003 A *	µg/l	-	±	-	-	-
	H003 B *	µg/l	-	±	-	-	-
Chlorothalonil Metabolite R417888 (Chlorothalonil-ESA)	H003 A	µg/l	0.0798	±	0.00395	0.016	20

Parameter	Sample	Unit	Assigned value	±	U (k=2)	Criterion	Criterion [%]
Chlorothalonil Metabolite R417888 (Chlorothalonil-ESA)	H003 B	µg/l	0.423	±	0.0247	0.0845	20
Chlorothalonil Metabolite R471811	H003 A	µg/l	0.187	±	0.0395	0.0655	35
	H003 B	µg/l	0.644	±	0.0996	0.167	26
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	H003 A *	µg/l	-	±	-	-	-
	H003 B *	µg/l	-	±	-	-	-
Chlorothalonil Metabolite R611968	H003 A *	µg/l	-	±	-	-	-
	H003 B *	µg/l	-	±	-	-	-
Chlorothalonil Metabolite SYN507900	H003 A *	µg/l	-	±	-	-	-
	H003 B *	µg/l	-	±	-	-	-
Chlorothalonil Metabolite SYN548580	H003 A *	µg/l	-	±	-	-	-
	H003 B *	µg/l	-	±	-	-	-
Chlorothalonil Metabolite SYN548581	H003 A *	µg/l	-	±	-	-	-
	H003 B *	µg/l	-	±	-	-	-
Clopyralid	H003 A	µg/l	0.24	±	0.0285	0.048	20
	H003 B	µg/l	0.503	±	0.059	0.101	20
Cyanazine	H003 A	µg/l	0.167	±	0.00751	0.0234	14
	H003 B	µg/l	0.441	±	0.0221	0.0618	14
Dicamba	H003 A *	µg/l	-	±	-	-	-
	H003 B *	µg/l	-	±	-	-	-
Dichlorprop	H003 A	µg/l	0.553	±	0.0349	0.0664	12
	H003 B	µg/l	0.295	±	0.0109	0.0354	12
Dimethachlor ethane sulfonic acid (CGA 354742, Dimethachlor-ESA)	H003 A	µg/l	0.233	±	0.0174	0.0465	20
	H003 B	µg/l	0.112	±	0.00608	0.0224	20
Dimethachlor Metabolite - CGA 369873	H003 A	µg/l	0.144	±	0.00926	0.0288	20
	H003 B	µg/l	0.308	±	0.0189	0.0617	20
Dimethachlor Metabolite - CGA 373464 (acetic acid methyl ester)	H003 A ***	µg/l	-	±	-	-	-
	H003 B ***	µg/l	-	±	-	-	-
Dimethachlor Metabolite - CGA 373464 (free acid)	H003 A *	µg/l	-	±	-	-	-

Parameter	Sample	Unit	Assigned value	±	U (k=2)	Criterion	Criterion [%]
Dimethachlor Metabolite - CGA 373464 (free acid)	H003 B *	µg/l	-	±	-	-	-
Dimethachlor oxalamic acid (CGA 50266, Dimethachlor-OA)	H003 A	µg/l	0.43	±	0.0555	0.099	23
	H003 B	µg/l	0.449	±	0.0607	0.108	24
Glufosinate	H003 A *	µg/l	-	±	-	-	-
	H003 B *	µg/l	-	±	-	-	-
Glufosinate metabolite MPPA	H003 A ** ***	µg/l	-	±	-	-	-
	H003 B ** ***	µg/l	-	±	-	-	-
Glyphosate	H003 A	µg/l	0.411	±	0.0171	0.0821	20
	H003 B	µg/l	0.854	±	0.0484	0.171	20
Metazachlor	H003 A	µg/l	0.161	±	0.00743	0.0193	12
	H003 B	µg/l	0.153	±	0.00654	0.0184	12
Metolachlor	H003 A	µg/l	0.176	±	0.00384	0.0264	15
	H003 B	µg/l	0.385	±	0.00907	0.0578	15
Metribuzin	H003 A	µg/l	0.781	±	0.0333	0.0781	10
	H003 B	µg/l	0.374	±	0.0099	0.0374	10
Nicosulfuron	H003 A	µg/l	0.286	±	0.0712	0.111	39
	H003 B	µg/l	0.88	±	0.0652	0.22	25
Prometryn	H003 A	µg/l	0.429	±	0.0169	0.0558	13
	H003 B	µg/l	0.164	±	0.00618	0.0213	13
Propazine	H003 A	µg/l	0.229	±	0.00751	0.0297	13
	H003 B	µg/l	0.108	±	0.0054	0.014	13
s-Metolachlor Metabolite CGA 368208	H003 A	µg/l	0.421	±	0.0406	0.059	14
	H003 B	µg/l	0.182	±	0.00883	0.0182	10
s-Metolachlor Metabolite NOA 413173	H003 A	µg/l	0.176	±	0.0206	0.0353	20
	H003 B	µg/l	0.496	±	0.0472	0.0843	17
Sebuthylazine	H003 A ****	µg/l	-	±	-	-	-
	H003 B	µg/l	0.695	±	0.0268	0.0647	9.3
Simazine	H003 A	µg/l	0.174	±	0.00425	0.0191	11
	H003 B	µg/l	0.35	±	0.0116	0.0385	11

Parameter	Sample	Unit	Assigned value	±	U (k=2)	Criterion	Criterion [%]
Terbuthylazine	H003 A	µg/l	0.562	±	0.0151	0.0618	11
	H003 B	µg/l	0.266	±	0.00731	0.0293	11
Terbuthylazine-desethyl	H003 A	µg/l	0.274	±	0.00994	0.0301	11
	H003 B	µg/l	0.546	±	0.0206	0.06	11
Terbuthylazine Metabolite CGA 324007 (LM5)	H003 A ***	µg/l	-	±	-	-	-
	H003 B ***	µg/l	-	±	-	-	-
Terbuthylazine Metabolite SYN 545666 (LM6)	H003 A **	µg/l	0.154	±	0.0201	0.0369	24
	H003 B **	µg/l	0.318	±	0.0221	0.0318	10
Terbuthylazine Metabolite SYN 546009 (LM3)	H003 A ****	µg/l	-	±	-	-	-
	H003 B ****	µg/l	-	±	-	-	-
Terbutryn	H003 A	µg/l	0.426	±	0.0169	0.0426	10
	H003 B	µg/l	0.172	±	0.00582	0.0172	10
Tritosulfuron	H003 A *	µg/l	-	±	-	-	-
	H003 B *	µg/l	-	±	-	-	-

** There is no accreditation for these parameters.

* For the following substances there are too few laboratory results available (n<6), therefore the calculated mean values MV +/- U(k=2) based on the data of the (accredited) laboratories (n) after outlier removal are given for information.

These can be used for comparison as part of your internal QA measures.

Chlorothalonil-4-hydroxy:
H003 A: MV (n=2, accr.) +/- U(k=2): 0.234 +/- 0.007 µg/l
H003 B: MV (n=2, accr..) +/- U(k=2): 0.455 +/- 0.019 µg/l

Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid):
H003 A: MV (n=4, accr.) +/- U(k=2): 0.177 +/- 0.0281 µg/l
H003 B: MV (n=4, accr.) +/- U(k=2): 0.311 +/- 0.0058 µg/l

Chlorothalonil Metabolite R611968:
H003 A: MV (n=5, accr.) +/- U(k=2): 0.181 +/- 0.0118 µg/l
H003 B: MV (n=5, accr.) +/- U(k=2): 0.184 +/- 0.0052 µg/l

Chlorothalonil Metabolite SYN507900:
H003 A: MV (n=4, accr.) +/- U(k=2): 0.144 +/- 0.0119 µg/l
H003 B: MV (n=4, accr.) +/- U(k=2): 0.308 +/- 0.0133 µg/l

Chlorothalonil Metabolite SYN548580:
H003 A: MV (n=2, accr.) +/- U(k=2): 0.355 +/- 0.032 µg/l
H003 B: MV (n=2, accr.) +/- U(k=2): 0.16 +/- 0.013 µg/l

Chlorothalonil Metabolite SYN548581:
H003 A: MV (n=3, accr.) +/- U(k=2): 0.683 +/- 0.126 µg/l
H003 B: MV (n=3, accr.) +/- U(k=2): 0.352 +/- 0.0732 µg/l

Dicamba:
H003 A: MV (n=5, accr.) +/- U(k=2): 0.127 +/- 0.0208 µg/l
H003 B: MV (n=4, accr.) +/- U(k=2): 0.6 +/- 0.0228 µg/l

Dimethachlor Metabolite - CGA 373464 (free acid):
H003 B: MV (n=4, accr.) +/- U(k=2): 0.289 +/- 0.0389 µg/l
H003 B: MV (n=4, accr.) +/- U(k=2): 0.195 +/- 0.069 µg/l

Glufosinate:
H003 A: MV (n=3, accr.) +/- U(k=2): 0.203 +/- 0.0168 µg/l
H003 B: MV (n=2, accr.) +/- U(k=2): 0.687 +/- 0.286 µg/l

Terbuthylazine Metabolite CGA 324007 (LM5)**:
H003 A: MV (n=5, accr.) +/- U(k=2): 0.235 +/- 0.0296 µg/l
H003 B: MV (n=5, accr.) +/- U(k=2): 0.124 +/- 0.00793 µg/l

Tritosulfuron:
H003 A: MV (n=5, accr.) +/- U(k=2): 0.208 +/- 0.0684 µg/l
H003 B: MV (n=5, accr.) +/- U(k=2): 0.584 +/- 0.179 µg/l

*** For the following substances there are too few laboratory results available (n<2), therefore the mean values MV +/- U(k=2) of the control laboratory are given for information:

These can be used for comparison as part of your internal QA measures.

Dimethachlor Metabolite - CGA 373464 (acetic acid methyl ester):
H003 B: MV (CL) +/- U(k=2): 0.176 +/- 0.0263 µg/l
H003 B: MV (CL) +/- U(k=2): 0.141 +/- 0.0212 µg/l

Glufosinate metabolite MPPA**:
H003 A: MV (CL) +/- U(k=2): 0.354 +/- 0.124 µg/l
H003 B: MV (CL) +/- U(k=2): 0.688 +/- 0.241 µg/l

Terbuthylazine Metabolite SYN 546009 (LM3)**:
H003 A: MV (CL) +/- U(k=2): 0.138 +/- 0.0483 µg/l
H003 B: MV (CL) +/- U(k=2): 0.242 +/- 0.0847 µg/l

**** For the following substance, the value of the control laboratory is listed for information:

Sebuthylazine:
H003 A: < 0.025 (LOD) µg/l

Legend:

Assigned value	Target value for proficiency assessment of the participants (3 significant digits)
U (k=2)	Expanded uncertainty (k=2) of the assigned value (3 significant digits)
Criterion	Specified value for the determination of the z-score in the given unit (3 significant digits)
Criterion [%]	Specified value for the determination of the z-score in % of the assigned value (2 significant digits)