

Table of assigned values

Parameter	Sample	Unit	Assigned value	±	U (k=2)	Criterion	Criterion [%]
2,6-Dichlorobenzamide	H002 A	µg/l	0.427	±	0.0149	0.0641	15
	H002 B	µg/l	1.33	±	0.0573	0.2	15
3,5,6-Trichloro-2-pyridinol	H002 A*	µg/l	-	±	-	-	-
	H002 B*	µg/l	-	±	-	-	-
Acetamiprid	H002 A	µg/l	0.0815	±	0.00986	0.0171	21
	H002 B	µg/l	0.242	±	0.00948	0.0242	10
Alachlor	H002 A	µg/l	0.591	±	0.039	0.0709	12
	H002 B	µg/l	0.262	±	0.0143	0.0315	12
Aldrin	H002 A	µg/l	0.0666	±	0.00831	0.02	30
	H002 B	µg/l	0.252	±	0.0417	0.0757	30
Atrazine	H002 A	µg/l	0.172	±	0.00614	0.0189	11
	H002 B	µg/l	0.508	±	0.0163	0.0558	11
Atrazine-desethyl	H002 A	µg/l	0.42	±	0.0168	0.0504	12
	H002 B	µg/l	0.247	±	0.0106	0.0296	12
Atrazine-desethyl-desisopropyl	H002 A	µg/l	0.2	±	0.0199	0.0619	31
	H002 B	µg/l	0.214	±	0.0147	0.0663	31
Atrazine-desisopropyl	H002 A	µg/l	0.176	±	0.00822	0.0247	14
	H002 B	µg/l	0.322	±	0.0165	0.0451	14
Bromacil	H002 A	µg/l	0.459	±	0.0346	0.0643	14
	H002 B	µg/l	0.279	±	0.0192	0.0391	14
Chloridazon	H002 A	µg/l	0.236	±	0.0131	0.0307	13
	H002 B	µg/l	0.558	±	0.0308	0.0725	13
Chloridazon-desphenyl	H002 A	µg/l	0.0989	±	0.00654	0.0109	11
	H002 B	µg/l	0.195	±	0.00917	0.0215	11
Chloridazon-methyl-desphenyl	H002 A	µg/l	0.25	±	0.0141	0.0325	13
	H002 B	µg/l	0.137	±	0.0104	0.0178	13
Clothianidin	H002 A	µg/l	0.29	±	0.0124	0.0319	11
	H002 B	µg/l	0.329	±	0.0172	0.0362	11
Cyanazine	H002 A	µg/l	0.201	±	0.00626	0.0281	14
	H002 B	µg/l	0.0967	±	0.00351	0.0135	14
Dieldrin	H002 A	µg/l	0.154	±	0.00879	0.0308	20
	H002 B	µg/l	0.0924	±	0.0053	0.0185	20
Dimethachlor	H002 A	µg/l	0.335	±	0.0144	0.0335	10
	H002 B	µg/l	0.214	±	0.00949	0.0214	10
Dimethenamide	H002 A	µg/l	0.326	±	0.0119	0.0326	10
	H002 B	µg/l	0.548	±	0.0275	0.0548	10
Dinotefurane	H002 A*	µg/l	-	±	-	-	-

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Parameter	Sample	Unit	Assigned value ±	U (k=2)	Criterion	Criterion [%]
Dinotefurane	H002 B*	µg/l	- ±	-	-	-
Diuron	H002 A	µg/l	0.335 ±	0.0161	0.0436	13
	H002 B	µg/l	0.39 ±	0.0184	0.0507	13
Endrin	H002 A	µg/l	0.146 ±	0.0175	0.0262	18
	H002 B	µg/l	0.416 ±	0.0531	0.0749	18
Heptachlor	H002 A	µg/l	0.107 ±	0.0171	0.0427	40
	H002 B	µg/l	0.219 ±	0.031	0.0875	40
Hexazinone	H002 A	µg/l	0.378 ±	0.017	0.0491	13
	H002 B	µg/l	0.207 ±	0.0125	0.0269	13
Imidacloprid	H002 A	µg/l	0.181 ±	0.0103	0.0271	15
	H002 B	µg/l	0.318 ±	0.022	0.0477	15
Lindane (Gamma-HCH)	H002 A	µg/l	0.0886 ±	0.00806	0.0177	20
	H002 B	µg/l	0.178 ±	0.0156	0.0356	20
MCPP (Mecoprop)	H002 A	µg/l	0.294 ±	0.017	0.0382	13
	H002 B	µg/l	0.449 ±	0.0263	0.0583	13
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	H002 A	µg/l	0.139 ±	0.00815	0.0264	19
	H002 B	µg/l	0.343 ±	0.012	0.0653	19
Metazachlor oxanilic acid (Metazachlor-OA)	H002 A	µg/l	0.153 ±	0.0147	0.0322	21
	H002 B	µg/l	0.341 ±	0.0375	0.0716	21
Metolachlor	H002 A	µg/l	0.174 ±	0.006	0.0262	15
	H002 B	µg/l	0.588 ±	0.0258	0.0882	15
Metribuzin-desamino	H002 A	µg/l	0.139 ±	0.0189	0.0236	17
	H002 B	µg/l	0.372 ±	0.0367	0.0446	12
N,N-Dimethylsulfamide (DMS)	H002 A	µg/l	0.321 ±	0.0301	0.0482	15
	H002 B	µg/l	0.66 ±	0.0455	0.0991	15
Nitenpyram	H002 A*	µg/l	- ±	-	-	-
	H002 B*	µg/l	- ±	-	-	-
Prometryn	H002 A	µg/l	0.313 ±	0.0127	0.0407	13
	H002 B	µg/l	0.704 ±	0.033	0.0916	13
Propazine	H002 A	µg/l	0.309 ±	0.0156	0.0402	13
	H002 B	µg/l	0.521 ±	0.0132	0.0678	13
Quinmerac	H002 A**	µg/l	0.303 ±	0.0277	0.0363	12
	H002 B**	µg/l	0.61 ±	0.0654	0.0854	14
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	H002 A	µg/l	0.268 ±	0.0117	0.0403	15
	H002 B	µg/l	0.191 ±	0.0145	0.0286	15
s-Metolachlor oxanilic acid (Metolachlor-OA)	H002 A	µg/l	0.276 ±	0.0139	0.0387	14

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s-Metolachlor oxanilic acid (Metolachlor-OA)	H002 B	µg/l	0.157	± 0.0102	0.0102	0.022	14
Sebuthylazine	H002 A	µg/l	0.444	± 0.0187	0.0187	0.0413	9.3
	H002 B	µg/l	0.227	± 0.00998	0.00998	0.0211	9.3
Simazine	H002 A	µg/l	0.507	± 0.0131	0.0131	0.0557	11
	H002 B	µg/l	0.237	± 0.00852	0.00852	0.026	11
Sum Chlordane	H002 A*	µg/l	-	± -	-	-	-
	H002 B*	µg/l	-	± -	-	-	-
Sum DDD	H002 A	µg/l	0.512	± 0.111	0.111	0.153	30
	H002 B	µg/l	0.357	± 0.0715	0.0715	0.107	30
Sum DDE	H002 A	µg/l	0.279	± 0.0353	0.0353	0.0697	25
	H002 B	µg/l	0.263	± 0.0743	0.0743	0.105	40
Sum DDT	H002 A	µg/l	0.421	± 0.078	0.078	0.164	39
	H002 B	µg/l	0.295	± 0.0685	0.0685	0.115	39
Sum Endosulfan	H002 A	µg/l	0.676	± 0.107	0.107	0.236	35
	H002 B	µg/l	0.432	± 0.087	0.087	0.151	35
Terbuthylazine	H002 A	µg/l	0.134	± 0.00507	0.00507	0.0147	11
	H002 B	µg/l	0.501	± 0.0187	0.0187	0.0551	11
Terbuthylazine-2-hydroxy	H002 A	µg/l	0.129	± 0.0145	0.0145	0.0206	16
	H002 B	µg/l	0.523	± 0.0574	0.0574	0.0837	16
Terbuthylazine-desethyl	H002 A	µg/l	0.333	± 0.00927	0.00927	0.0366	11
	H002 B	µg/l	0.13	± 0.00473	0.00473	0.0143	11
Terbutryn	H002 A	µg/l	0.238	± 0.0118	0.0118	0.0286	12
	H002 B	µg/l	0.514	± 0.0301	0.0301	0.0719	14
Thiacloprid	H002 A	µg/l	0.228	± 0.0141	0.0141	0.0319	14
	H002 B	µg/l	0.305	± 0.0187	0.0187	0.0428	14
Thiamethoxam	H002 A	µg/l	0.378	± 0.0136	0.0136	0.0642	17
	H002 B	µg/l	0.379	± 0.0143	0.0143	0.0644	17

** There is no accreditation for this parameter.

* 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.

3,5,6-Trichloro-2-pyridinol:

H002 A: MV (n=3, accr.) ±/ U(k=2): 0.149 ±/ 0.0319 µg/l

H002 B: MV (n=3, accr.) ±/ U(k=2): 0.616 ±/ 0.119 µg/l

Dinotefurane:

H002 A: MV (n=2) ±/ U(k=2): 0.358 ±/ 0.246 µg/l

H002 B: MV (n=2) ±/ U(k=2): 0.205 ±/ 0.126 µg/l

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Nitenpyram:

H002 A: MV (n=2, accr.) +/- U(k=2): 0.316 +/- 0.053 µg/l

H002 B: MV (n=3) +/- U(k=2): 0.147 +/- 0.0225 µg/l

Sum Chlordane:

H002 A: MV (n=3, accr.) +/- U(k=2): 0.181 +/- 0.0239 µg/l

H002 B: MV (n=3, accr.) +/- U(k=2): 0.09 +/- 0.0237 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)