Table of assigned values Pesticides in Accordance with the Drinking Water Ordinance - PM03

1st Edition, 20.10.2020

Table of assigned values

Parameter	Sample	Unit	Assigned value	±	U (k=2)	Criterion	Criterion [%]
2,4-D (2,4-Dichlorphenoxyaceticacid)	PM03 A	µg/l	0.409	±	0.021	0.0572	14
	PM03 B	µg/l	-	±	-	-	-
2,6-Dichlorobenzamide	PM03 A	µg/l	0.562	±	0.0188	0.0843	15
	PM03 B	µg/l	0.276	±	0.0123	0.0414	15
2-Amino-4-methoxy-6-methyl-1,3,5-triazine	PM03 A	µg/l	-	±	-	-	-
	PM03 B	µg/l	-	±	-	-	-
3,5,6-Trichloro-2-pyridinol	PM03 A	µg/l	-	±	-	-	-
	PM03 B	µg/l	1.18	±	0.276	0.39	33
Alachlor	PM03 A	µg/l	0.582	±	0.022	0.0698	12
	PM03 B	µg/l	-	±	-	-	-
Alachlor-t-acid (Alachlor-OA)	PM03 A	µg/l	-	±	-	-	-
	PM03 B	µg/l	0.31	±	0.0255	0.0465	15
Alachlor-t-sulfonic acid (Alachlor-ESA)	PM03 A	µg/l	-	±	-	-	-
	PM03 B	µg/l	0.353	±	0.0246	0.0426	12
Aldrin	PM03 A	µg/l	0.0958	±	0.0157	0.0422	44
	PM03 B	µg/l	-	±	-	-	-
AMPA	PM03 A	µg/l	-	±	-	-	-
	PM03 B	µg/l	1.94	±	0.163	0.252	13
Atrazine	PM03 A	µg/l	0.439	±	0.0185	0.0483	11
	PM03 B	µg/l	-	±	-	-	-
Atrazine-2-hydroxy	PM03 A	µg/l	-	±	-	-	-
	PM03 B	µg/l	0.354	±	0.0198	0.0297	8.4
Atrazine-desethyl	PM03 A	µg/l	-	±	-	-	-
	PM03 B	µg/l	0.244	±	0.0117	0.0293	12
Atrazine-desethyl-desisopropyl	PM03 A	µg/l	-	±	-	-	-
	PM03 B	µg/l	0.252	±	0.05	0.0655	26
Atrazine-desisopropyl	PM03 A	µg/l	-	±	-	-	-
	PM03 B	µg/l	0.865	±	0.0378	0.121	14
Azoxystrobin	PM03 A	µg/l	0.531	±	0.0445	0.0969	18
	PM03 B	µg/l	-	±	-	-	-
Azoxystrobin-O-demethyl (CyPM)	PM03 A	µg/l	-	±	-	-	-
	PM03 B	µg/l	-	±	-	-	-
Bentazone	PM03 A	µg/l	0.19	±	0.00671	0.0284	15
	PM03 B	µg/l	-	±	-	-	-
Bromacil	PM03 A	µg/l	0.257	±	0.0119	0.0359	14
	PM03 B	µg/l	-	±	-	-	-
Chloridazon	PM03 A	µg/l	0.22	±	0.0116	0.0286	13
	PM03 B	µg/l	-	±	-	-	-
Chloridazon-desphenyl	PM03 A	µg/l	-	±	-	-	-
	PM03 B	µg/l	1.22	±	0.0482	0.134	11
Chloridazon-methyl-desphenyl	PM03 A	µg/l	-	±	-	-	-
	PM03 B	µg/l	-	±	-	-	-
Chlorothalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	PM03 A	µg/l	-	±	-	-	-

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Chlorothalonil Metabolit R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)	PM03 B	µg/l	0.462	±	0.0428	0.0606	13
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)	PM03 A	µg/l	-	±	-	-	-
	PM03 B	µg/l	1.43	±	0.0682	0.143	10
Clopyralid	PM03 A	µg/l	0.324	±	0.0263	0.11	34
	PM03 B	µg/l	-	±	-	-	-
Clothianidin	PM03 A	µg/l	0.166	±	0.00796	0.0183	11
	PM03 B	µg/l	-	±	-	-	-
Dicamba	PM03 A	µg/l	0.854	±	0.0362	0.171	20
	PM03 B	µg/l	0.41	±	0.02	0.0819	20
Dichlorprop	PM03 A	µg/l	-	±	-	-	-
	PM03 B	µg/l	0.168	±	0.00563	0.0201	12
Dieldrin	PM03 A	µg/l	0.0943	±	0.00651	0.0217	23
	PM03 B	µg/l	-	±	-	-	-
Dimethachlor	PM03 A	µg/l	-	±	-	-	-
	PM03 B	µg/l	-	±	-	-	-
Dimethachlor ethane sulfonic acid (CGA 354742, Dimethachlor-ESA)	PM03 A	µg/l	-	±	-	-	-
	PM03 B	µg/l	0.123	±	0.00799	0.016	13
Dimethachlor Metabolite - CGA 369873	PM03 A	µg/l	-	±	-	-	-
	PM03 B	µg/l	0.125	±	0.0113	0.0226	18
Dimethachlor Metabolite - CGA 373464 (acetic acid methyl ester)	PM03 A	µg/l	-	±	-	-	-
	PM03 B	µg/l	-	±	-	-	-
Dimethachlor Metabolite - CGA 373464 (free acid)	PM03 A	µg/l	-	±	-	-	-
	PM03 B	µg/l	-	±	-	-	-
Dimethachlor oxalamic acid (CGA 50266, Dimethachlor-OA)	PM03 A	µg/l	-	±	-	-	-
	PM03 B	µg/l	0.33	±	0.0145	0.0363	11
Dimethenamide-P-acid (Dimethenamide-OA)	PM03 A	µg/l	-	±	-	-	-
	PM03 B	µg/l	0.114*	±	0.00812	-	-
Dimethenamide-P-sulfonic acid (Dimethenamide-ESA)	PM03 A	µg/l	-	±	-	-	-
	PM03 B	µg/l	0.708	±	0.0419	0.0838	12
Dimethenamide	PM03 A	µg/l	0.572	±	0.0203	0.0566	9.9
	PM03 B	µg/l	-	±	-	-	-
Diuron	PM03 A	µg/l	0.237	±	0.0101	0.0307	13
	PM03 B	µg/l	-	±	-	-	-
Ethofumesate	PM03 A	µg/l	0.108	±	0.00427	0.00955	8.8
	PM03 B	µg/l	-	±	-	-	-
Flufenacet	PM03 A	µg/l	0.222	±	0.0075	0.0176	7.9
	PM03 B	µg/l	-	±	-	-	-
Flufenacet oxanilic acid (Flufenacet-OA)	PM03 A	µg/l	-	±	-	-	-
	PM03 B	µg/l	0.44	±	0.0346	0.044	10

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Flufenacet sulfonic acid (Flufenacet-ESA)	PM03 A	µg/l	-	±	-	-	-
	PM03 B	µg/l	0.546	±	0.0282	0.0468	8.6
Glufosinate	PM03 A	µg/l	0.156	±	0.0174	0.0531	34
	PM03 B	µg/l	-	±	-	-	-
Glyphosate	PM03 A	µg/l	0.421	±	0.0208	0.0843	20
	PM03 B	µg/l	-	±	-	-	-
Heptachlor	PM03 A	µg/l	0.106	±	0.0202	0.0489	46
	PM03 B	µg/l	-	±	-	-	-
Heptachlor epoxid	PM03 A	µg/l	-	±	-	-	-
	PM03 B	µg/l	0.17	±	0.0467	0.0809	47
Hexazinone	PM03 A	µg/l	0.207	±	0.0132	0.0248	12
	PM03 B	µg/l	-	±	-	-	-
Imidacloprid	PM03 A	µg/l	0.227	±	0.0134	0.0341	15
	PM03 B	µg/l	-	±	-	-	-
Iodosulfuron-methyl	PM03 A	µg/l	0.509	±	0.0293	0.0439	8.6
	PM03 B	µg/l	-	±	-	-	-
Isoproturon	PM03 A	µg/l	0.166	±	0.00356	0.0166	10
	PM03 B	µg/l	-	±	-	-	-
Isoproturon-desmethyl	PM03 A	µg/l	-	±	-	-	-
	PM03 B	µg/l	0.264	±	0.0154	0.0255	9.7
MCPA	PM03 A	µg/l	0.444	±	0.0153	0.042	9.5
	PM03 B	µg/l	-	±	-	-	-
MCPB	PM03 A	µg/l	-	±	-	-	-
	PM03 B	µg/l	0.134	±	0.00756	0.0151	11
MCPP (Mecoprop)	PM03 A	µg/l	0.261	±	0.00933	0.0339	13
	PM03 B	µg/l	-	±	-	-	-
Mesosulfuron-methyl	PM03 A	µg/l	0.706	±	0.0386	0.061	8.6
	PM03 B	µg/l	-	±	-	-	-
Metalaxyl	PM03 A	µg/l	0.414	±	0.0142	0.0414	10
	PM03 B	µg/l	-	±	-	-	-
Metamitron	PM03 A	µg/l	-	±	-	-	-
	PM03 B	µg/l	0.394	±	0.0162	0.0394	10
Metazachlor	PM03 A	µg/l	0.116	±	0.00511	0.0139	12
	PM03 B	µg/l	-	±	-	-	-
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	PM03 A	µg/l	-	±	-	-	-
	PM03 B	µg/l	0.366	±	0.0201	0.0696	19
Metazachlor oxanilic acid (Metazachlor-OA)	PM03 A	µg/l	-	±	-	-	-
	PM03 B	µg/l	0.794	±	0.055	0.167	21
Metolachlor	PM03 A	µg/l	0.547	±	0.0161	0.0821	15
	PM03 B	µg/l	-	±	-	-	-
Metribuzin	PM03 A	µg/l	0.245	±	0.00944	0.0231	9.5
	PM03 B	µg/l	-	±	-	-	-
Metribuzin-desamino	PM03 A	µg/l	-	±	-	-	-
	PM03 B	µg/l	0.176	±	0.0121	0.0148	8.4
Metsulfuron-methyl	PM03 A	µg/l	0.709	±	0.0382	0.0604	8.5
	PM03 B	µg/l	-	±	-	-	-

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N,N-Dimethylsulfamide (DMS)	PM03 A	µg/l	-	±	-	-	-
	PM03 B	µg/l	2.24	±	0.0831	0.336	15
Nicosulfurone	PM03 A	µg/l	0.395	±	0.0555	0.146	37
	PM03 B	µg/l	-	±	-	-	-
Pethoxamid	PM03 A	µg/l	0.138	±	0.00974	0.0146	11
	PM03 B	µg/l	-	±	-	-	-
Propazine	PM03 A	µg/l	0.479	±	0.0141	0.0623	13
	PM03 B	µg/l	-	±	-	-	-
Propazine-2-hydroxy	PM03 A	µg/l	-	±	-	-	-
	PM03 B	µg/l	0.159	±	0.00478	0.0159	10
Propiconazole	PM03 A	µg/l	0.123	±	0.00662	0.0144	12
	PM03 B	µg/l	-	±	-	-	-
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	PM03 A	µg/l	-	±	-	-	-
	PM03 B	µg/l	0.12	±	0.00321	0.024	20
s-Metolachlor Metabolite CGA 368208	PM03 A	µg/l	-	±	-	-	-
	PM03 B	µg/l	0.243	±	0.0298	0.0517	21
s-Metolachlor Metabolite NOA 413173	PM03 A	µg/l	-	±	-	-	-
	PM03 B	µg/l	0.225	±	0.0294	0.057	25
s-Metolachlor oxanilic acid (Metolachlor-OA)	PM03 A	µg/l	-	±	-	-	-
	PM03 B	µg/l	0.263	±	0.0156	0.0368	14
Simazine	PM03 A	µg/l	0.145	±	0.0052	0.0159	11
	PM03 B	µg/l	-	±	-	-	-
Terbuthylazine	PM03 A	µg/l	0.202	±	0.00759	0.0223	11
	PM03 B	µg/l	-	±	-	-	-
Terbuthylazine-2-hydroxy	PM03 A	µg/l	-	±	-	-	-
	PM03 B	µg/l	0.112	±	0.012	0.0156	14
Terbuthylazine-desethyl	PM03 A	µg/l	-	±	-	-	-
	PM03 B	µg/l	0.421	±	0.0205	0.0463	11
Terbuthylazine-desethyl-2-hydroxy	PM03 A	µg/l	0.0509	±	0.00207	0.0025	4.9
	PM03 B	µg/l	0.634*	±	0.0417	-	-
Thiacloprid	PM03 A	µg/l	0.298	±	0.0112	0.0417	14
	PM03 B	µg/l	-	±	-	-	-
Thiamethoxam	PM03 A	µg/l	-	±	-	-	-
	PM03 B	µg/l	-	±	-	-	-
Thifensulfuron-methyl	PM03 A	µg/l	0.901	±	0.0275	0.0901	10
	PM03 B	µg/l	-	±	-	-	-
Tolylfluanid	PM03 A	µg/l	-	±	-	-	-
	PM03 B	µg/l	-	±	-	-	-
Tribenuron-methyl	PM03 A	µg/l	-	±	-	-	-
	PM03 B	µg/l	-	±	-	-	-
Triclopyr	PM03 A	µg/l	0.649	±	0.0211	0.0649	10
	PM03 B	µg/l	-	±	-	-	-
Triflusulfuron-methyl	PM03 A	µg/l	-	±	-	-	-
	PM03 B	µg/l	0.0434*	±	0.00695	-	-
Tritosulfuron	PM03 A	µg/l	0.627	±	0.046	0.0614	9.8

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Tritosulfuron	PM03 B	µg/l	-	±	-	-	-

*no evaluation possible, for details please see the respective report

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)