

Table of assigned values Pesticides H104

1st Edition, 09.09.2019

Table of assigned values

Parameter	Sample	Unit	Assigned value ±	U (k=2)	Criterion	Criterion [%]
2,4,5-Trichlorophenoxyacetic acid	H104 A	µg/l	0.369 ±	0.0199	0.0739	20
	H104 B	µg/l	0.203 ±	0.0109	0.0405	20
2,4-D (2,4-Dichlorphenoxyacetic acid)	H104 A	µg/l	0.126 ±	0.00887	0.0201	16
	H104 B	µg/l	0.504 ±	0.0251	0.0806	16
Alachlor	H104 A	µg/l	0.227 ±	0.0159	0.0272	12
	H104 B	µg/l	0.671 ±	0.0501	0.0806	12
Alachlor-t-sulfonic acid (Alachlor-ESA)	H104 A	µg/l	0.146 ±	0.0128	0.0262	18
	H104 B	µg/l	0.659 ±	0.0496	0.119	18
Alachlor-t-acid (Alachlor-OA)	H104 A	µg/l	0.842 ±	0.0513	0.152	18
	H104 B	µg/l	0.187 ±	0.00787	0.0337	18
AMPA	H104 A	µg/l	0.187 ±	0.00936	0.0319	17
	H104 B	µg/l	0.872 ±	0.0427	0.148	17
Bentazone	H104 A	µg/l	0.119 ±	0.00731	0.0179	15
	H104 B	µg/l	0.131 ±	0.00602	0.0197	15
Dicamba	H104 A	µg/l	0.193 ±	0.0198	0.0367	19
	H104 B	µg/l	0.559 ±	0.0476	0.106	19
Dichlorprop	H104 A	µg/l	0.102 ±	0.00597	0.0122	12
	H104 B	µg/l	0.179 ±	0.00935	0.0214	12
Glufosinate	H104 A	µg/l	0.339 ±	0.114	0.102	30
	H104 B	µg/l	0.158 ±	0.0385	0.0474	30
Glyphosate	H104 A	µg/l	- ±	-	-	-
	H104 B	µg/l	0.555 ±	0.0236	0.122	22
MCPP (Mecoprop)	H104 A	µg/l	0.237 ±	0.0112	0.0308	13
	H104 B	µg/l	0.251 ±	0.0127	0.0327	13
Metazachlor	H104 A	µg/l	- ±	-	-	-
	H104 B	µg/l	0.167 ±	0.0108	0.0184	11
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	H104 A	µg/l	0.744 ±	0.0438	0.164	22
	H104 B	µg/l	0.243 ±	0.0146	0.0535	22
Metazachlor oxanilic acid (Metazachlor-OA)	H104 A	µg/l	0.263 ±	0.0104	0.0553	21
	H104 B	µg/l	- ±	-	-	-
Metolachlor	H104 A	µg/l	- ±	-	-	-
	H104 B	µg/l	0.399 ±	0.0242	0.0559	14
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	H104 A	µg/l	0.57 ±	0.0587	0.12	21
	H104 B	µg/l	0.249 ±	0.0267	0.0524	21
s-Metolachlor oxanilic acid (Metolachlor-OA)	H104 A	µg/l	0.504 ±	0.0308	0.0756	15
	H104 B	µg/l	0.664 ±	0.0359	0.0996	15

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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 (3 significant digits)