ENVIRONMENT
AGENCY AUSTRIA **umwelt**bundesamt

1st Edition, 31.07.2020

Table of assigned values

Parameter	Sample	Unit	Assigned value	±	U (k=2)	Criterion	Criterion [%]
2,4,5-Trichlorophenoxyacetic acid	H107 A	µg/l	0.71	±	0.0223	0.128	18
	H107 B	µg/l	0.443	±	0.0161	0.0798	18
2,4-D (2,4-Dichlorphenoxyaceticacid)	H107 A	µg/l	0.472	±	0.0351	0.0661	14
	H107 B	µg/l	0.323	±	0.00337	0.0452	14
Alachlor	H107 A	µg/l	0.746	±	0.0719	0.0895	12
	H107 B	µg/l	0.424	±	0.0538	0.0508	12
Alachlor-t-acid (Alachlor-OA)	H107 A	µg/l	0.271	±	0.0693	0.0406	15
	H107 B	µg/l	0.564	±	0.134	0.0846	15
Alachlor-t-sulfonic acid (Alachlor-ESA)	H107 A	µg/l	0.164	±	0.0375	0.0459	28
	H107 B	µg/l	-	±	-	-	-
AMPA	H107 A	µg/l	-	±	-	-	-
	H107 B	µg/l	0.184	±	0.0175	0.0239	13
Bentazone	H107 A	µg/l	0.353	±	0.0127	0.053	15
	H107 B	µg/l	0.285	±	0.0158	0.0427	15
Dicamba	H107 A	µg/l	0.931	±	0.051	0.186	20
	H107 B	µg/l	0.468	±	0.0149	0.0936	20
Dichlorprop	H107 A	µg/l	0.569	±	0.0236	0.0683	12
	H107 B	µg/l	0.223	±	0.00566	0.0267	12
Glufosinate	H107 A	µg/l	-	±	-	-	-
	H107 B	µg/l	-	±	-	-	-
Glyphosate	H107 A	µg/l	-	±	-	-	-
	H107 B	µg/l	0.247	±	0.0123	0.0495	20
MCPP (Mecoprop)	H107 A	µg/l	0.309	±	0.012	0.0402	13
	H107 B	µg/l	0.322	±	0.017	0.0419	13
Metazachlor	H107 A	µg/l	-	±	-	-	-
	H107 B	µg/l	0.476	±	0.0236	0.0571	12
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	H107 A	µg/l	0.357	±	0.0245	0.0679	19
	H107 B	µg/l	0.136	±	0.00969	0.0258	19
Metazachlor oxanilic acid (Metazachlor-OA)	H107 A	µg/l	0.304	±	0.0331	0.0639	21
	H107 B	µg/l	-	±	-	-	-
Metolachlor	H107 A	µg/l	-	±	-	-	-
	H107 B	µg/l	0.513	±	0.0147	0.077	15
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	H107 A	µg/l	0.394	±	0.0335	0.0788	20
	H107 B	µg/l	0.318	±	0.0329	0.0636	20
s-Metolachlor oxanilic acid (Metolachlor-OA)	H107 A	µg/l	0.206	±	0.00504	0.0289	14
	H107 B	µg/l	0.394	±	0.0167	0.0552	14

Table of assigned values Pesticides H107

1st Edition, 31.07.2020

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)