

## Table of assigned values

Parameter	Sample	Unit	Assigned value ±	U (k=2)	Criterion	Criterion [%]
2,4,5-Trichlorophenoxyacetic acid*	H119 A	µg/l	- ±	-	-	-
	H119 B	µg/l	- ±	-	-	-
2,4-D (2,4-Dichlorphenoxyaceticacid)	H119 A	µg/l	0.317 ±	0.0271	0.0444	14
	H119 B	µg/l	0.312 ±	0.0206	0.0437	14
Alachlor	H119 A	µg/l	0.297 ±	0.0282	0.0356	12
	H119 B	µg/l	0.287 ±	0.0139	0.0345	12
Alachlor-t-acid (Alachlor-OA)	H119 A	µg/l	- ±	-	-	-
	H119 B	µg/l	- ±	-	-	-
Alachlor-t-sulfonic acid (Alachlor-ESA)*	H119 A	µg/l	- ±	-	-	-
	H119 B	µg/l	- ±	-	-	-
AMPA	H119 A	µg/l	0.622 ±	0.0447	0.0808	13
	H119 B	µg/l	0.308 ±	0.0129	0.04	13
Bentazone	H119 A	µg/l	0.216 ±	0.0126	0.0323	15
	H119 B	µg/l	0.449 ±	0.0346	0.0674	15
Chlorothalonil-4-hydroxy**	H119 A	µg/l	- ±	-	-	-
	H119 B	µg/l	- ±	-	-	-
Chlorothalonil Metabolite R471811**	H119 A	µg/l	0.479 ±	0.0341	0.0479	10
	H119 B	µg/l	0.637 ±	0.0559	0.0701	11
Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid)**	H119 A	µg/l	- ±	-	-	-
	H119 B	µg/l	- ±	-	-	-
Chlorothalonil Metabolite R611968**	H119 A	µg/l	- ±	-	-	-
	H119 B	µg/l	- ±	-	-	-
Chlorothalonil Metabolite SYN507900**	H119 A	µg/l	- ±	-	-	-
	H119 B	µg/l	- ±	-	-	-
Chlorothalonil Metabolite SYN548580**	H119 A	µg/l	- ±	-	-	-
	H119 B	µg/l	- ±	-	-	-
Chlorothalonil Metabolite SYN548581**	H119 A	µg/l	- ±	-	-	-
	H119 B	µg/l	- ±	-	-	-
Chlorothalonil sulfonic acid (Chlorothalonil-ESA)**	H119 A	µg/l	0.447 ±	0.032	0.0447	10
	H119 B	µg/l	0.224 ±	0.018	0.0246	11
Dicamba*	H119 A	µg/l	- ±	-	-	-
	H119 B	µg/l	- ±	-	-	-
Dichlorprop	H119 A	µg/l	0.361 ±	0.0153	0.0433	12
	H119 B	µg/l	0.615 ±	0.0303	0.0737	12
Dimethachlor Metabolite - CGA 369873**	H119 A	µg/l	- ±	-	-	-
	H119 B	µg/l	- ±	-	-	-

Parameter	Sample	Unit	Assigned value ±	U (k=2)	Criterion	Criterion [%]
Glufosinate*	H119 A	µg/l	- ±	-	-	-
	H119 B	µg/l	- ±	-	-	-
Glyphosate	H119 A	µg/l	0.219 ±	0.0216	0.0438	20
	H119 B	µg/l	0.517 ±	0.0538	0.103	20
MCP (Mecoprop)	H119 A	µg/l	0.189 ±	0.006	0.0245	13
	H119 B	µg/l	0.315 ±	0.0145	0.041	13
Metazachlor	H119 A	µg/l	0.201 ±	0.00507	0.0242	12
	H119 B	µg/l	0.413 ±	0.00694	0.0495	12
Metazachlor ethane sulfonic acid (Metazachlor-ESA)	H119 A	µg/l	0.298 ±	0.0233	0.0567	19
	H119 B	µg/l	0.13 ±	0.0077	0.0248	19
Metazachlor oxanilic acid (Metazachlor-OA)	H119 A	µg/l	0.345 ±	0.0304	0.0725	21
	H119 B	µg/l	0.14 ±	0.0186	0.0295	21
Metolachlor	H119 A	µg/l	0.123 ±	0.0045	0.0185	15
	H119 B	µg/l	0.378 ±	0.0128	0.0567	15
s-Metolachlor ethanesulfonic acid (Metolachlor-ESA)	H119 A	µg/l	0.333 ±	0.0193	0.0666	20
	H119 B	µg/l	0.222 ±	0.0102	0.0443	20
s-Metolachlor oxanilic acid (Metolachlor-OA)	H119 A	µg/l	0.573 ±	0.0171	0.0802	14
	H119 B	µg/l	0.314 ±	0.0144	0.0439	14

\* 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.

2,4,5-Trichlorophenoxyacetic acid:

H119 A: MV (n=4; accr.) +/- U(k=2): 0.263 +/- 0.00873 µg/l

H119 B: MV (n=4; accr.) +/- U(k=2): 0.249 +/- 0.0473 µg/l

Alachlor-t-acid (Alachlor-OA):

H119 A: MV (n=4; accr.) +/- U(k=2): 0.194 +/- 0.00932 µg/l

H119 B: MV (n=4; accr.) +/- U(k=2): 0.711 +/- 0.0380 µg/l

Alachlor-t-sulfonic acid (Alachlor-ESA):

H119 A: MV (n=5; accr.) +/- U(k=2): 0.145 +/- 0.0217 µg/l

H119 B: MV (n=5; accr.) +/- U(k=2): 0.435 +/- 0.0708 µg/l

\*\*Chlorothalonil-4-hydroxy:

H119 A: MV (n=3; accr.) +/- U(k=2): 0.651 +/- 0.0404 µg/l

H119 B: MV (n=3; accr.) +/- U(k=2): 0.498 +/- 0.00467 µg/l

\*\*Chlorothalonil Metabolite R611965 (3-carbamyl-2,4,5-trichlorobenzoic acid):

H119 A: MV (n=4; accr.) +/- U(k=2): 0.354 +/- 0.0399 µg/l

H119 B: MV (n=4; accr.) +/- U(k=2): 0.177 +/- 0.0256 µg/l

\*\*Chlorothalonil Metabolite R611968:

H119 A: MV (n=2; accr.) +/- U(k=2): 0.357 +/- 0.0130 µg/l

H119 B: MV (n=2; accr.) +/- U(k=2): 0.245 +/- 0.0290 µg/l

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**\*\*Chlorothalonil Metabolite SYN507900:**

H119 A: MV (n=3; accr.) +/- U(k=2): 0.564 +/- 0.0367 µg/l

H119 B: MV (n=3; accr.) +/- U(k=2): 0.246 +/- 0.0274 µg/l

**\*\*Chlorothalonil Metabolite SYN548580:**

H119 A: V (n=1; accr.) +/- U(k=2): 0.394 +/- 0.142 µg/l

H119 B: V (n=1; accr.) +/- U(k=2): 0.605 +/- 0.218 µg/l

**\*\*Chlorothalonil Metabolite SYN548581:**

H119 A: MV (n=2; accr.) +/- U(k=2): 0.529 +/- 0.0620 µg/l

H119 B: MV (n=2; accr.) +/- U(k=2): 0.210 +/- 0.060 µg/l

**Dicamba:**

H119 A: MV (n=4; accr.) +/- U(k=2): 0.472 +/- 0.0513 µg/l

H119 B: MV (n=3; accr.) +/- U(k=2): 0.527 +/- 0.0433 µg/l

**\*\*Dimethachlor Metabolite - CGA 369873:**

H119 A: MV (n=5; accr.) +/- U(k=2): 0.376 +/- 0.0473 µg/l

H119 B: MV (n=5; accr.) +/- U(k=2): 0.382 +/- 0.0554 µg/l

**Glufosinate:**

H119 A: MW (n=4; akkr.) +/- U(k=2): 0.575 +/- 0.0368 µg/l

H119 B: MW (n=5; akkr.) +/- U(k=2): 0.424 +/- 0.112 µg/l

\*\* Chlorothalonil metabolites: There is no accreditation for these parameters.

**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)