

Table of assigned values

Parameter	Sample	Unit	Assigned value ±	U (k=2)	Criterion	Criterion [%]
2,6-Dichlorobenzamide	H118 A	µg/l	0.936 ±	0.0508	0.14	15
	H118 B	µg/l	0.82 ±	0.0509	0.123	15
Alachlor	H118 A	µg/l	0.646 ±	0.0421	0.0775	12
	H118 B	µg/l	0.822 ±	0.0302	0.0986	12
Atrazine	H118 A	µg/l	0.605 ±	0.0286	0.0666	11
	H118 B	µg/l	0.837 ±	0.0256	0.0921	11
Atrazine-desethyl	H118 A	µg/l	0.449 ±	0.0244	0.0539	12
	H118 B	µg/l	0.796 ±	0.0375	0.0955	12
Atrazine-desethyl-desisopropyl	H118 A *	µg/l	- ±	-	-	-
	H118 B *	µg/l	- ±	-	-	-
Atrazine-desisopropyl	H118 A	µg/l	0.292 ±	0.0132	0.0409	14
	H118 B	µg/l	0.689 ±	0.0457	0.0964	14
Bromacil	H118 A *	µg/l	- ±	-	-	-
	H118 B *	µg/l	- ±	-	-	-
Chloridazon	H118 A	µg/l	0.506 ±	0.0306	0.0657	13
	H118 B	µg/l	0.511 ±	0.03	0.0664	13
Chloridazon-desphenyl	H118 A	µg/l	0.188 ±	0.022	0.0301	16
	H118 B	µg/l	0.316 ±	0.0166	0.0348	11
Chloridazon-methyl-desphenyl	H118 A	µg/l	0.585 ±	0.046	0.076	13
	H118 B	µg/l	0.582 ±	0.029	0.0756	13
Clopyralid	H118 A	µg/l	0.486 ±	0.075	0.0972	20
	H118 B	µg/l	0.806 ±	0.12	0.161	20
Cyanazine	H118 A	µg/l	0.833 ±	0.0363	0.117	14
	H118 B	µg/l	0.538 ±	0.0254	0.0754	14
Dimethenamide	H118 A	µg/l	0.651 ±	0.045	0.0651	10
	H118 B	µg/l	0.983 ±	0.0996	0.148	15
Diuron	H118 A	µg/l	0.535 ±	0.0265	0.0695	13
	H118 B	µg/l	0.509 ±	0.0283	0.0662	13
Metolachlor	H118 A	µg/l	0.623 ±	0.0267	0.0934	15
	H118 B	µg/l	0.779 ±	0.0345	0.117	15
N,N-Dimethylsulfamide (DMS)	H118 A *	µg/l	- ±	-	-	-
	H118 B	µg/l	0.632 ±	0.136	0.164	26
Nicosulfurone	H118 A *	µg/l	- ±	-	-	-
	H118 B *	µg/l	- ±	-	-	-
Prometryn	H118 A	µg/l	0.505 ±	0.0111	0.0656	13
	H118 B	µg/l	0.732 ±	0.0216	0.0952	13
Propazine	H118 A	µg/l	0.349 ±	0.0189	0.0454	13
	H118 B	µg/l	0.568 ±	0.0414	0.0739	13
Sebuthylazine	H118 A **	µg/l	- ±	-	-	-
	H118 B	µg/l	0.709 ±	0.0233	0.066	9.3
Simazine	H118 A	µg/l	0.462 ±	0.0261	0.0509	11
	H118 B	µg/l	0.557 ±	0.0263	0.0613	11
Terbuthylazine	H118 A	µg/l	0.262 ±	0.0111	0.0288	11
	H118 B	µg/l	0.515 ±	0.0163	0.0567	11
Terbuthylazine-desethyl	H118 A	µg/l	0.296 ±	0.0149	0.0325	11
	H118 B	µg/l	0.597 ±	0.0361	0.0656	11
Terbutryn	H118 A	µg/l	0.628 ±	0.0228	0.0628	10

Parameter	Sample	Unit	Assigned value ±	U (k=2)	Criterion	Criterion [%]
Terbutryn	H118 B	µg/l	0.332 ±	0.0175	0.0332	10

*The calculated mean value MV +/- U(k=2) based on the data of the accredited laboratories (n) after outlier removal is listed for information.

This can be used for comparison as part of your internal QA measures:

H118 A Atrazine-Desethyl-Desisopropyl: MV(n=3 accr.) +/- U(k=2): 0.280 +/- 0.0250 µg/l

H118 A Bromacil: MV(n=5 accr.) +/- U(k=2): 0.473 +/- 0.0134 µg/l

H118 A N,N-Dimethylsulfamide (DMS): MV(n=4 accr.) +/- U(k=2): 0.910 +/- 0.0951 µg/l

H118 A Nicosulfurone: MV(n=4 accr.) +/- U(k=2): 0.413 +/- 0.0489 µg/l

H118 B Atrazine-Desethyl-Desisopropyl: MV(n=3 accr.) +/- U(k=2): 0.347 +/- 0.0350 µg/l

H118 B Bromacil: MV(n=5 accr.) +/- U(k=2): 0.973 +/- 0.0353 µg/l

H118 B Nicosulfurone: MV(n=4 accr.) +/- U(k=2): 0.694 +/- 0.0308 µg/l

**For the following substance, the value of the control laboratory is listed for information:

H118 A Sebuthylazine: < 0.025 (LOD) 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)