

Table of assigned values Pesticides H112

1<sup>st</sup> Edition, 31.03.2022

## Table of assigned values

Parameter	Sample	Unit	Assigned value ±	U (k=2)	Criterion	Criterion [%]
2,6-Dichlorobenzamide	H112 A	µg/l	0.556 ±	0.022	0.0835	15
	H112 B	µg/l	0.688 ±	0.032	0.103	15
Alachlor	H112 A	µg/l	0.791 ±	0.0409	0.095	12
	H112 B	µg/l	0.758 ±	0.0436	0.091	12
Atrazine	H112 A	µg/l	0.622 ±	0.0167	0.0684	11
	H112 B	µg/l	0.454 ±	0.0112	0.05	11
Atrazine-desethyl	H112 A	µg/l	1 ±	0.0338	0.12	12
	H112 B	µg/l	0.378 ±	0.0112	0.0454	12
Atrazine-desethyl-desisopropyl*	H112 A	µg/l	- ±	-	-	-
	H112 B	µg/l	0.462 ±	0.0744	0.143	31
Atrazine-desisopropyl	H112 A	µg/l	0.39 ±	0.0172	0.0546	14
	H112 B	µg/l	0.814 ±	0.0348	0.114	14
Bromacil	H112 A	µg/l	0.182 ±	0.00763	0.0255	14
	H112 B	µg/l	0.368 ±	0.0277	0.0515	14
Chloridazon	H112 A	µg/l	0.599 ±	0.0137	0.0778	13
	H112 B	µg/l	0.645 ±	0.0188	0.0838	13
Chloridazon-desphenyl	H112 A	µg/l	0.184 ±	0.00905	0.0202	11
	H112 B	µg/l	0.373 ±	0.0223	0.0411	11
Chloridazon-methyl-desphenyl	H112 A	µg/l	0.192 ±	0.0131	0.0249	13
	H112 B	µg/l	0.231 ±	0.0163	0.03	13
Clopyralid	H112 A	µg/l	0.328 ±	0.0242	0.082	25
	H112 B	µg/l	0.532 ±	0.0371	0.133	25
Cyanazine	H112 A	µg/l	0.355 ±	0.0315	0.0497	14
	H112 B	µg/l	0.587 ±	0.0503	0.0822	14
Dimethenamide	H112 A	µg/l	0.395 ±	0.0235	0.0395	10
	H112 B	µg/l	0.324 ±	0.0279	0.0324	10
Diuron	H112 A	µg/l	0.403 ±	0.0233	0.0524	13
	H112 B	µg/l	0.85 ±	0.0429	0.11	13
Metolachlor	H112 A	µg/l	0.538 ±	0.0212	0.0807	15
	H112 B	µg/l	0.264 ±	0.0101	0.0397	15
N,N-Dimethylsulfamide (DMS)	H112 A	µg/l	0.234 ±	0.0187	0.0351	15
	H112 B	µg/l	0.463 ±	0.035	0.0695	15
Nicosulfurone	H112 A	µg/l	0.55 ±	0.0821	0.138	25
	H112 B	µg/l	0.286 ±	0.0164	0.0715	25
Prometryn	H112 A	µg/l	0.786 ±	0.0212	0.102	13
	H112 B	µg/l	0.623 ±	0.0317	0.081	13
Propazine	H112 A	µg/l	0.151 ±	0.00723	0.0196	13
	H112 B	µg/l	0.693 ±	0.0295	0.0901	13
Sebuthylazine	H112 A	µg/l	0.666 ±	0.0444	0.062	9.3
	H112 B	µg/l	0.303 ±	0.0101	0.0282	9.3
Simazine	H112 A	µg/l	0.346 ±	0.0182	0.038	11
	H112 B	µg/l	0.654 ±	0.0324	0.0719	11
Terbuthylazine	H112 A	µg/l	0.205 ±	0.00756	0.0226	11
	H112 B	µg/l	0.422 ±	0.013	0.0464	11
Terbuthylazine-desethyl	H112 A	µg/l	0.907 ±	0.0454	0.0998	11
	H112 B	µg/l	0.375 ±	0.0142	0.0413	11
Terbutryn	H112 A	µg/l	0.945 ±	0.0336	0.0945	10

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Parameter	Sample	Unit	Assigned value ±	U (k=2)	Criterion	Criterion [%]
Terbutryn	H112 B	µg/l	0.925 ±	0.0309	0.0925	10

\*Atrazine-desethyl-desisopropyl sample H112A: Since less than 6 results were available, no assigned value could be determined.

In the context of internal QA, comparison with the values of the control laboratory is recommended:

Atrazine-desethyl-desisopropyl:

H112A: 0.266 µg/l +/- 0.040 U(k=2)

Mean value of the accr. participants (n=3) without outliers: 0.304 µg/l +/- 0.029 U(k=2)

**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)