

Table of assigned values Pesticides H111

1st Edition, 18.11.2021

Table of assigned values

Parameter	Sample	Unit	Assigned value ±	U (k=2)	Criterion	Criterion [%]
Acetamiprid	H111 A	µg/l	0.448 ±	0.0286	0.0403	9
	H111 B	µg/l	1.49 ±	0.0933	0.146	9.8
Aldrin	H111 A	µg/l	0.307 ±	0.0373	0.135	44
	H111 B	µg/l	0.52 ±	0.066	0.229	44
Atrazine	H111 A	µg/l	0.409 ±	0.0147	0.045	11
	H111 B	µg/l	1.17 ±	0.0497	0.129	11
Atrazine-desethyl	H111 A	µg/l	0.572 ±	0.0279	0.0687	12
	H111 B	µg/l	0.846 ±	0.0593	0.102	12
Atrazine-desisopropyl	H111 A	µg/l	0.395 ±	0.0155	0.0554	14
	H111 B	µg/l	1.49 ±	0.0658	0.208	14
Bromacil	H111 A	µg/l	0.396 ±	0.0267	0.0555	14
	H111 B	µg/l	0.895 ±	0.0512	0.125	14
Clothianidin	H111 A	µg/l	0.253 ±	0.022	0.0279	11
	H111 B	µg/l	0.917 ±	0.0705	0.101	11
Cyanazine	H111 A	µg/l	0.565 ±	0.036	0.0791	14
	H111 B	µg/l	1.44 ±	0.0964	0.202	14
Dieldrin	H111 A	µg/l	0.387 ±	0.0252	0.0889	23
	H111 B	µg/l	0.763 ±	0.0561	0.176	23
Dinotefurane*	H111 A	µg/l	- ±	-	-	-
	H111 B	µg/l	- ±	-	-	-
Endrin	H111 A	µg/l	0.416 ±	0.0332	0.0749	18
	H111 B	µg/l	0.903 ±	0.166	0.162	18
Heptachlor	H111 A	µg/l	0.277 ±	0.00881	0.128	46
	H111 B	µg/l	0.596 ±	0.039	0.274	46
Imidacloprid	H111 A	µg/l	0.165 ±	0.0133	0.0247	15
	H111 B	µg/l	0.493 ±	0.0251	0.0739	15
Lindane (Gamma-HCH)	H111 A	µg/l	0.349 ±	0.028	0.0698	20
	H111 B	µg/l	0.838 ±	0.0921	0.168	20
Nitenpyram*	H111 A	µg/l	- ±	-	-	-
	H111 B	µg/l	- ±	-	-	-
Prometryn	H111 A	µg/l	0.279 ±	0.0175	0.0363	13
	H111 B	µg/l	1.61 ±	0.111	0.21	13
Propazine	H111 A	µg/l	0.269 ±	0.0111	0.035	13
	H111 B	µg/l	1.13 ±	0.0632	0.147	13
Sum Chlordane	H111 A	µg/l	0.202 ±	0.0192	0.0606	30
	H111 B	µg/l	0.648 ±	0.0951	0.194	30
Sum DDD	H111 A	µg/l	0.734 ±	0.0881	0.272	37
	H111 B	µg/l	0.792 ±	0.138	0.293	37
Sum DDE	H111 A	µg/l	0.74 ±	0.0897	0.274	37
	H111 B	µg/l	0.672 ±	0.0945	0.249	37
Sum DDT	H111 A	µg/l	0.513 ±	0.0499	0.2	39
	H111 B	µg/l	0.633 ±	0.147	0.247	39
Sum Endosulfan	H111 A	µg/l	0.286 ±	0.0241	0.117	41
	H111 B	µg/l	0.353 ±	0.0542	0.145	41
Thiacloprid	H111 A	µg/l	0.307 ±	0.0214	0.043	14
	H111 B	µg/l	0.952 ±	0.0399	0.133	14
Thiamethoxam	H111 A	µg/l	0.256 ±	0.0126	0.0435	17

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Thiamethoxam	H111 B	µg/l	1.45 ±	0.116	0.246	17

*Dinoturefane and Nitenpyram sample H110A and H110B: 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:

Dinoturefane

H110A: 0.44 µg/l +/- 0.066 U(k=2)

H110B: 0.936 µg/l +/- 0.14 U(k=2)

Nitenpyram

H110A: 0.305 µg/l +/- 0.0458 U(k=2)

H110B: 0.798 µg/l +/- 0.12 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)