ENVIRONMENT AGENCY AUSTRIA **umwelt**bundesamt

Summary of results, after removal of outliers

Parameter	Sample	Unit	Number of results for calculation	Number of outliers	Mean	± CI (99%)	Minimum	Maximum	SD	RSD %
2,6-Dichlorobenzamide	H100 A	µg/l	15	1	0.424	± 0.0518	0.304	0.559	0.0669	16
	H100 B	µg/l	14	2	0.809	± 0.0588	0.68	0.949	0.0734	9.1
Alachlor	H100 A	µg/l	8	0	0.367	± 0.0714	0.281	0.477	0.0673	18
	H100 B	µg/l	5	3	-	± -	0.77	0.814	-	-
Atrazine	H100 A	µg/l	18	0	0.329	± 0.0149	0.3	0.374	0.0211	6.4
	H100 B	µg/l	18	0	0.636	± 0.0271	0.558	0.698	0.0383	6
Bromacil	H100 A	µg/l	9	0	0.46	± 0.0375	0.39	0.508	0.0375	8.1
	H100 B	µg/l	9	0	0.403	± 0.029	0.36	0.45	0.029	7.2
Chloridazon	H100 A	µg/l	14	0	0.246	± 0.0367	0.129	0.31	0.0458	19
	H100 B	µg/l	14	0	0.629	± 0.106	0.296	0.808	0.132	21
Clopyralid	H100 A	µg/l	5	1	-	± -	0.371	0.509	-	-
	H100 B	µg/l	6	0	0.91	± 0.294	0.459	1.12	0.24	26
Cyanazine	H100 A	µg/l	12	1	0.809	± 0.078	0.65	0.946	0.09	11
	H100 B	µg/l	13	0	0.277	± 0.0244	0.229	0.323	0.0293	11
Atrazine-desethyl	H100 A	µg/l	17	0	0.977	± 0.0738	0.76	1.22	0.101	10
	H100 B	µg/l	16	0	0.389	± 0.0254	0.32	0.463	0.0338	8.7
Atrazine-desethyl-desisopropyl	H100 A	µg/l	5	0	-	± -	0.312	0.932	-	-
	H100 B	µg/l	3	2	-	± -	0.633	0.693	-	-
Terbuthylazin-desethyl	H100 A	µg/l	13	0	0.848	± 0.0899	0.66	1.02	0.108	13
	H100 B	µg/l	13	0	0.43	± 0.0495	0.347	0.518	0.0595	14
Atrazine-desisopropyl	H100 A	µg/l	0	0	-	± -	-	-	-	-
	H100 B	µg/l	15	1	0.557	± 0.0613	0.388	0.704	0.0791	14
Diuron	H100 A	µg/l	14	1	0.721	± 0.0662	0.576	0.924	0.0825	11
	H100 B	µg/l	0	0	-	± -	-	-	-	-
Dimethenamide	H100 A	µg/l	7	1	0.253	± 0.0224	0.229	0.283	0.0198	7.8
	H100 B	µg/l	7	1	0.163	± 0.0139	0.141	0.175	0.0123	7.5
N,N-Dimethylsulfamide (DMS)	H100 A	µg/l	6	3	0.315	± 0.0222	0.281	0.33	0.0181	5.8

Summary of results, after removal of outliers: Pesticides H100

Parameter	Sample	Unit	Number of results for calculation	Number of outliers	Mean	± CI (99%)	Minimum	Maximum	SD	RSD %
N,N-Dimethylsulfamide (DMS)	H100 B	µg/l	7	2	0.943	± 0.0849	0.81	1.03	0.0749	7.9
Chloridazon-desphenyl	H100 A	µg/l	10	1	0.167	± 0.0231	0.14	0.209	0.0243	15
	H100 B	µg/l	10	1	0.435	± 0.0609	0.35	0.559	0.0642	15
Chloridazon-methyl-desphenyl	H100 A	µg/l	8	1	0.0945	± 0.00989	0.078	0.104	0.00932	9.9
	H100 B	µg/l	7	0	0.0287	± 0.00374	0.024	0.034	0.0033	12
Metolachlor	H100 A	µg/l	13	2	0.499	± 0.045	0.39	0.57	0.0541	11
	H100 B	µg/l	14	1	0.501	± 0.0546	0.405	0.672	0.0681	14
Nicosulfurone	H100 A	µg/l	10	0	0.209	± 0.0343	0.154	0.269	0.0362	17
	H100 B	µg/l	9	1	0.649	± 0.112	0.493	0.859	0.112	17
Prometryn	H100 A	µg/l	8	3	0.737	± 0.0261	0.691	0.775	0.0246	3.3
	H100 B	µg/l	11	0	0.296	± 0.0277	0.238	0.338	0.0306	10
Propazine	H100 A	µg/l	15	0	0.198	± 0.0184	0.155	0.231	0.0237	12
	H100 B	µg/l	13	2	0.203	± 0.0209	0.161	0.25	0.0251	12
Sebuthylazine	H100 A	µg/l	0	0	-	± -	-	-	-	-
	H100 B	µg/l	9	1	0.434	± 0.02	0.395	0.454	0.02	4.6
Simazine	H100 A	µg/l	16	1	0.138	± 0.0119	0.105	0.169	0.0159	11
	H100 B	µg/l	16	1	0.215	± 0.0167	0.179	0.26	0.0222	10
Terbuthylazine	H100 A	µg/l	18	0	0.161	± 0.0131	0.123	0.194	0.0185	12
	H100 B	µg/l	18	0	0.782	± 0.0652	0.666	1.05	0.0922	12
Terbutryn	H100 A	µg/l	15	0	0.77	± 0.0585	0.652	0.916	0.0756	9.8
	H100 B	µg/l	15	0	0.754	± 0.0595	0.616	0.874	0.0768	10

Legend:

Mean	Mean of the participants results, without outliers (3 significant digits)
CI (99%)	99% confidence interval (3 significant digits)
Minimum	Minimum of all submitted results, after removal of outliers (3 significant digits)
Maximum	Maximum of all submitted results, after removal of outliers (3 significant digits)
SD	Reproducibility standard deviation, calculated from the participants results, after removal of outliers (3 significant digits)
RSD %	Reproducibility standard deviation, calculated from the participants results relative to the target value, given in %, after removal of outliers (2 significant digits)