

## 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 %
Carbamazepine	AZ5 A	µg/l	11	1	0.0897	± 0.00798	0.076	0.099	0.00883	9.8
	AZ5 B	µg/l	11	1	0.432	± 0.0683	0.292	0.583	0.0755	17
Diazepam	AZ5 A	µg/l	3	0	-	± -	0.135	0.21	-	-
	AZ5 B	µg/l	1	0	-	± -	0.191	0.191	-	-
Diclofenac	AZ5 A	µg/l	12	0	0.143	± 0.0262	0.102	0.218	0.0302	21
	AZ5 B	µg/l	11	1	2.79	± 0.254	2.4	3.27	0.281	10
Ibuprofen	AZ5 A	µg/l	4	0	-	± -	0.012	0.017	-	-
	AZ5 B	µg/l	4	0	-	± -	0.782	0.971	-	-
Metoprolol	AZ5 A	µg/l	8	3	0.109	± 0.00791	0.096	0.12	0.00746	6.9
	AZ5 B	µg/l	11	0	0.252	± 0.0771	0.114	0.401	0.0853	34
Sulfamethoxazole	AZ5 A	µg/l	12	0	0.0839	± 0.00731	0.067	0.094	0.00845	10
	AZ5 B	µg/l	12	0	0.148	± 0.0116	0.131	0.18	0.0134	9
Sotalol	AZ5 A	µg/l	9	0	0.0981	± 0.0142	0.072	0.115	0.0142	14
	AZ5 B	µg/l	9	0	0.236	± 0.0351	0.175	0.298	0.0351	15
Benzotriazole	AZ5 A	µg/l	8	3	0.26	± 0.0192	0.24	0.3	0.0181	7
	AZ5 B	µg/l	9	1	8.02	± 1.13	6.86	10.2	1.13	14
Acesulfame	AZ5 A	µg/l	12	0	0.281	± 0.0434	0.2	0.364	0.0501	18
	AZ5 B	µg/l	12	0	8.99	± 1.33	7.48	12.6	1.53	17
Cyclamate	AZ5 A	µg/l	9	1	0.0672	± 0.0141	0.0416	0.089	0.0141	21
	AZ5 B	µg/l	5	1	-	± -	0.0174	0.055	-	-
Saccharin	AZ5 A	µg/l	9	0	0.128	± 0.0209	0.098	0.161	0.0209	16
	AZ5 B	µg/l	8	1	12.9	± 0.573	12.4	13.7	0.541	4.2
Sucralose	AZ5 A	µg/l	7	0	0.395	± 0.15	0.201	0.55	0.133	34
	AZ5 B	µg/l	7	1	8.28	± 2.08	5.7	11.5	1.84	22
4-Acetylaminoantipyrine	AZ5 A	µg/l	3	0	-	± -	0.183	0.206	-	-
	AZ5 B	µg/l	3	0	-	± -	3.08	3.28	-	-
Amidotrizoic acid	AZ5 A	µg/l	7	1	0.27	± 0.0556	0.228	0.365	0.0491	18

Summary of results, after removal of outliers: Pharmaceuticals, Industrial Chemicals and Artificial Sweeteners - AZ5

Parameter	Sample	Unit	Number of results for calculation	Number of outliers	Mean	± CI (99%)	Minimum	Maximum	SD	RSD %
Amidotrizoic acid	AZ5 B	µg/l	6	2	1.06	± 0.297	0.599	1.3	0.243	23
Atenolol	AZ5 A	µg/l	2	0	-	± -	0.002	0.0026	-	-
	AZ5 B	µg/l	7	0	0.537	± 0.153	0.292	0.738	0.135	25
Bisoprolol	AZ5 A	µg/l	2	0	-	± -	0.09	0.276	-	-
	AZ5 B	µg/l	2	0	-	± -	0.0971	0.352	-	-
10,11-Dihydro-10,11-Dihydroxycarbamazepine	AZ5 A	µg/l	2	0	-	± -	0.033	0.107	-	-
	AZ5 B	µg/l	2	0	-	± -	0.803	1.13	-	-
4-Formylaminoantipyrine	AZ5 A	µg/l	3	0	-	± -	0.078	0.086	-	-
	AZ5 B	µg/l	3	0	-	± -	2.47	2.76	-	-
Iopamidol	AZ5 A	µg/l	7	1	0.294	± 0.0528	0.227	0.361	0.0465	16
	AZ5 B	µg/l	7	1	9.93	± 1.84	7.18	12.2	1.62	16

**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)