

## Table of assigned values

Parameter	Sample	Unit	Assigned value ± U (k=2)	Criterion	Criterion [%]
4-Acetylaminoantipyrine	AZ11 A	µg/l	0.0486 ± 0.00172	0.00486	10
	AZ11 B	µg/l	0.981 ± 0.0587	0.0981	10
4-Formylaminoantipyrine	AZ11 A	µg/l	0.0676 ± 0.00587	0.00879	13
	AZ11 B	µg/l	3.75 ± 0.251	0.375	10
10,11-Dihydro-10,11-Dihydroxycarbamazepine	AZ11 A *	µg/l	- ± -	-	-
	AZ11 B	µg/l	0.681 ± 0.0557	0.136	20
Acesulfame	AZ11 A	µg/l	0.307 ± 0.0191	0.0522	17
	AZ11 B	µg/l	1.75 ± 0.154	0.298	17
Amidotrizoic acid	AZ11 A	µg/l	0.0426 ± 0.00378	0.00851	20
	AZ11 B	µg/l	0.657 ± 0.0323	0.131	20
Atenolol	AZ11 A	µg/l	0.382 ± 0.0189	0.0764	20
	AZ11 B	µg/l	0.234 ± 0.0321	0.0467	20
Benzotriazole	AZ11 A	µg/l	0.0898 ± 0.00412	0.0108	12
	AZ11 B	µg/l	4.83 ± 0.14	0.58	12
Bisoprolol	AZ11 A	µg/l	0.282 ± 0.00927	0.0282	10
	AZ11 B	µg/l	0.256 ± 0.0312	0.0461	18
Carbamazepine	AZ11 A **	µg/l	0.0087 ± 0.000846	0.00113	13
	AZ11 B	µg/l	0.321 ± 0.0117	0.0417	13
Cyclamate	AZ11 A	µg/l	0.315 ± 0.0222	0.0789	25
	AZ11 B	µg/l	0.0992 ± 0.0135	0.0248	25
Diazepam	AZ11 A *	µg/l	- ± -	-	-
	AZ11 B *	µg/l	- ± -	-	-
Diclofenac	AZ11 A	µg/l	0.481 ± 0.0101	0.0674	14
	AZ11 B	µg/l	2.02 ± 0.0908	0.283	14
Ibuprofen	AZ11 A	µg/l	0.41 ± 0.0265	0.0492	12
	AZ11 B	µg/l	1.39 ± 0.0714	0.167	12
Iopamidol	AZ11 A	µg/l	0.232 ± 0.0149	0.0534	23
	AZ11 B	µg/l	23.1 ± 1.24	5.32	23
Metoprolol	AZ11 A	µg/l	0.209 ± 0.00755	0.0419	20
	AZ11 B	µg/l	0.128 ± 0.00989	0.0257	20
Saccharin	AZ11 A	µg/l	0.261 ± 0.0222	0.0391	15
	AZ11 B	µg/l	0.745 ± 0.0519	0.112	15
Sotalol	AZ11 A	µg/l	0.647 ± 0.0221	0.142	22
	AZ11 B	µg/l	0.116 ± 0.0193	0.0255	22
Sucralose	AZ11 A	µg/l	0.571 ± 0.0363	0.171	30
	AZ11 B	µg/l	15.9 ± 0.952	4.77	30
Sulfamethoxazole	AZ11 A	µg/l	0.156 ± 0.00742	0.0187	12
	AZ11 B	µg/l	0.0619 ± 0.00373	0.00743	12

\*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:

AZ11 A 10,11-Dihydro-10,11-Dihydroxycarbamazepine: MV(n=4 accr.) +/- U(k=2): 0.0632 +/- 0.00851 µg/l

AZ11 A Diazepam: MV(n=4 accr.) +/- U(k=2): 0.0648 +/- 0.00888 µg/l

AZ11 B Diazepam: MV(n=4 accr.) +/- U(k=2): 0.586 +/- 0.0526 µg/l

\*\*The assigned value is based on the data of the accredited laboratories after outlier removal (n=7).

Control laboratory AZ11 A Carbamazepine: < 0.010 (LOQ) 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)