

Table of assigned values Pharmaceuticals, Industrial Chemicals and Artificial Sweeteners - AZ9

1st Edition, 14.04.2022

Table of assigned values

Parameter	Sample	Unit	Assigned value ±	U (k=2)	Criterion	Criterion [%]
4-Acetylaminoantipyrine*	AZ9 A	µg/l	0.251 ±	0.0249	0.0326	13
	AZ9 B	µg/l	- ±	-	-	-
4-Formylaminoantipyrine	AZ9 A	µg/l	0.451 ±	0.0266	0.0324	7.2
	AZ9 B	µg/l	5.89 ±	0.233	0.283	4.8
10,11-Dihydro-10,11-Dihydroxycarbamazepine	AZ9 A	µg/l	0.178 ±	0.0328	0.0409	23
	AZ9 B	µg/l	1.28 ±	0.157	0.192	15
Acesulfame	AZ9 A	µg/l	0.67 ±	0.0629	0.114	17
	AZ9 B	µg/l	0.947 ±	0.0826	0.161	17
Amidotrizoic acid	AZ9 A	µg/l	1.87 ±	0.0965	0.467	25
	AZ9 B	µg/l	2.07 ±	0.106	0.517	25
Atenolol	AZ9 A	µg/l	0.855 ±	0.0663	0.214	25
	AZ9 B	µg/l	1.01 ±	0.0967	0.253	25
Benzotriazole	AZ9 A	µg/l	1.8 ±	0.0607	0.215	12
	AZ9 B	µg/l	11.3 ±	0.524	1.35	12
Bisoprolol*	AZ9 A	µg/l	- ±	-	-	-
	AZ9 B	µg/l	0.619 ±	0.149	0.186	30
Carbamazepine	AZ9 A	µg/l	0.301 ±	0.0128	0.0391	13
	AZ9 B	µg/l	1.09 ±	0.00928	0.142	13
Cyclamate	AZ9 A	µg/l	0.44 ±	0.0365	0.132	30
	AZ9 B	µg/l	0.609 ±	0.0519	0.183	30
Diazepam	AZ9 A	µg/l	0.288 ±	0.0288	0.0403	14
	AZ9 B	µg/l	0.317 ±	0.0225	0.0317	10
Diclofenac	AZ9 A	µg/l	0.306 ±	0.0357	0.0704	23
	AZ9 B	µg/l	4.4 ±	0.142	0.616	14
Ibuprofen	AZ9 A	µg/l	0.192 ±	0.0072	0.00961	5
	AZ9 B	µg/l	0.941 ±	0.0311	0.0546	5.8
Iopamidol	AZ9 A	µg/l	1.44 ±	0.0149	0.332	23
	AZ9 B	µg/l	38 ±	1.61	8.74	23
Metoprolol	AZ9 A	µg/l	0.14 ±	0.0117	0.0279	20
	AZ9 B	µg/l	0.523 ±	0.035	0.105	20
Saccharin	AZ9 A	µg/l	1.28 ±	0.135	0.282	22
	AZ9 B	µg/l	2.2 ±	0.254	0.484	22
Sotalol	AZ9 A	µg/l	0.272 ±	0.0153	0.0599	22
	AZ9 B	µg/l	1.32 ±	0.161	0.291	22
Sucralose	AZ9 A	µg/l	2.42 ±	0.215	0.726	30
	AZ9 B	µg/l	18 ±	1.99	5.4	30
Sulfamethoxazole	AZ9 A	µg/l	0.973 ±	0.059	0.117	12
	AZ9 B	µg/l	2.07 ±	0.069	0.249	12

*4-Acetylaminoantipyrine AZ9 B and Bisoprolol AZ9 A:

Since less than 6 outlier-adjusted results of accredited participating laboratories were available, no assigned value could be determined.

For your information, you will find the mean value over 5 accredited laboratories +/- measurement uncertainty (k=2) in the report.

This can be used as a reference value for internal QA:

4-Acetylaminoantipyrine AZ9 B: 3.08 +/- 0.264 U(k=2)

Bisoprolol AZ9 A: 0.556 +/- 0.0886 U(k=2)

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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)