

Table of assigned values Pharmaceuticals, Industrial Chemicals and Artificial Sweeteners - AZ8

1st Edition, 22.04.2021

Table of assigned values

Parameter	Sample	Unit	Assigned value ±	U (k=2)	Criterion	Criterion [%]
4-Acetylaminoantipyrine	AZ8 A	µg/l	0.303 ±	0.0204	0.0251	8.3
	AZ8 B	µg/l	8.27 ±	0.818	0.992	12
4-Formylaminoantipyrine	AZ8 A	µg/l	0.459 ±	0.035	0.0431	9.4
	AZ8 B	µg/l	- ±	-	-	-
10,11-Dihydro-10,11-Dihydroxycarbamazepine	AZ8 A	µg/l	0.276 ±	0.025	0.0332	12
	AZ8 B	µg/l	1.24 ±	0.0727	0.0891	7.2
Acesulfame	AZ8 A	µg/l	1.12 ±	0.0581	0.19	17
	AZ8 B	µg/l	18.8 ±	1.44	3.2	17
Amidotrizoic acid	AZ8 A	µg/l	0.626 ±	0.0895	0.157	25
	AZ8 B	µg/l	2.07 ±	0.268	0.414	20
Atenolol	AZ8 A	µg/l	0.457 ±	0.0445	0.0868	19
	AZ8 B	µg/l	1.17 ±	0.128	0.246	21
Benzotriazole	AZ8 A	µg/l	0.695 ±	0.0439	0.0833	12
	AZ8 B	µg/l	10.6 ±	0.312	1.27	12
Bisoprolol	AZ8 A	µg/l	0.0879 ±	0.00933	0.0132	15
	AZ8 B	µg/l	0.803 ±	0.059	0.0779	9.7
Carbamazepine	AZ8 A	µg/l	0.761 ±	0.0485	0.099	13
	AZ8 B	µg/l	1.22 ±	0.0887	0.158	13
Cyclamate	AZ8 A	µg/l	0.912 ±	0.0795	0.137	15
	AZ8 B	µg/l	0.622 ±	0.138	0.168	27
Diazepam	AZ8 A	µg/l	0.595 ±	0.0559	0.0833	14
	AZ8 B	µg/l	0.572 ±	0.0588	0.0858	15
Diclofenac	AZ8 A	µg/l	0.191 ±	0.0235	0.0497	26
	AZ8 B	µg/l	2.8 ±	0.158	0.392	14
Ibuprofen	AZ8 A	µg/l	0.141 ±	0.0143	0.0225	16
	AZ8 B	µg/l	3.45 ±	0.22	0.345	10
Iopamidol	AZ8 A	µg/l	0.809 ±	0.0289	0.0405	5
	AZ8 B	µg/l	31.7 ±	4.83	8.86	28
Metoprolol	AZ8 A	µg/l	0.318 ±	0.0247	0.0794	25
	AZ8 B	µg/l	1.09 ±	0.0751	0.274	25
Saccharin	AZ8 A	µg/l	0.514 ±	0.0512	0.113	22
	AZ8 B	µg/l	21.9 ±	1.84	4.81	22
Sotalol	AZ8 A	µg/l	0.148 ±	0.0207	0.0326	22
	AZ8 B	µg/l	0.767 ±	0.0685	0.169	22
Sucralose	AZ8 A	µg/l	1.08 ±	0.213	0.325	30
	AZ8 B	µg/l	10.3 ±	2.31	3.1	30
Sulfamethoxazole	AZ8 A	µg/l	0.29 ±	0.0137	0.0348	12
	AZ8 B	µg/l	0.769 ±	0.043	0.0922	12

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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)