

**AE5 - Anti-epileptic drugs 5**

Analyte	Analyst	Method	Result	Units	Z Score	Assigned Value	Ux AV	SDPA	Exp.SDPA	Number of results	Median	Mean	Robust SD	SD	Your Reference
Brivaracetam	Lab Result	LCMS & MS/MS	12.60	mg/L	0.25	12.35	0.228	0.997	N/A	32	12.35	12.22	0.997	1.036	LCMS & MS/MS

**AM01 - Analgesic mixture**

Analyte	Analyst	Method	Result	Units	Z Score	Assigned Value	Ux AV	SDPA	Exp.SDPA	Number of results	Median	Mean	Robust SD	SD	Your Reference
AM1A - Ibuprofen	Lab Result	HPLC	11.10	mg/L	-41.47*	14.21	0.034	0.067	0.075	10	14.21	14.22	0.067	0.073	HPLC
AM1B - Ibuprofen	Lab Result	HPLC	38.80	mg/L	-1.34*	42.82	1.216	2.751	3.008	10	42.82	44.53	2.751	5.165	HPLC
AM1A - Diclofenac	Lab Result	LC-MS	1.73	mg/L	0.59*	1.59	0.116	0.208	0.238	6	1.59	1.57	0.208	0.526	LC-MS
AM1B - Diclofenac	Lab Result	LC-MS	0.86	mg/L	0.33*	0.72	0.197	0.386	0.433	6	0.72	0.67	0.386	0.326	LC-MS
AM1A - Tramadol	Lab Result	LC-MS	302.00	µg/L	3.26	233.23	5.500	21.101	N/A	23	233.23	232.46	21.101	34.890	LC-MS
AM1B - Tramadol	Lab Result	LC-MS	750.00	µg/L	2.21	617	16.383	60.062	N/A	22	617	609.43	60.062	100.831	LC-MS

\* Please note, participant performance for this analyte has been assessed using a 'z' score, rather than a z score, in order to account for the measurement uncertainty of the assigned value which is not negligible when compared to the SDPA.

**CRD - Cardiac mixture**

Analyte	Analyst	Method	Result	Units	Z Score	Assigned Value	Ux AV	SDPA	Exp.SDPA	Number of results	Median	Mean	Robust SD	SD	Your Reference
Amiodarone	Lab Result	LCMS & MS/MS	1230.00	µg/L	-0.27	1277.50	22.436	173.027	N/A	42	1277.50	1278.59	114.927	134.575	LCMS & MS/MS
Desethylamiodarone	Lab Result	LCMS & MS/MS	1320.00	µg/L	-0.36	1400	33.523	222.177	N/A	37	1400	1390.88	163.130	192.863	LCMS & MS/MS
Flecainide	Lab Result	LCMS & MS/MS	920.00	µg/L	1.66	782	8.764	83.303	N/A	44	782	769.43	45.973	68.276	LCMS & MS/MS

**PS29 - Trazodone**

Analyte	Analyst	Method	Result	Units	Z Score	Assigned Value	Ux AV	SDPA	Exp.SDPA	Number of results	Median	Mean	Robust SD	SD	Your Reference
Trazodone	Lab Result	LCMS & MS/MS	<0.10	µg/L		Zero Spike	0.083	N/A	N/A	28	N/A	N/A	N/A	N/A	LCMS & MS/MS