

**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	4.10	mg/L	1.96	3.67	0.047	0.221	N/A	35	3.67	3.66	0.221	0.217	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	32.90	mg/L	-0.62*	35.34	1.508	3.619	3.920	9	35.34	35.48	3.619	10.004	HPLC
AM1B - Ibuprofen	Lab Result	HPLC	9.60	mg/L	-0.19	9.79	0.131	0.979	N/A	9	9.79	10.54	0.297	1.449	HPLC
AM1A - Diclofenac	Lab Result	LC-MS	1.12	mg/L	1.75*	0.89	0.065	0.116	0.132	5	0.89	0.90	0.116	0.131	LC-MS
AM1B - Diclofenac	Lab Result	LC-MS	4.79	mg/L	0.81*	3.78	0.608	1.088	1.246	5	3.78	3.73	1.088	1.001	LC-MS
AM1A - Tramadol	Lab Result	LC-MS	723.00	µg/L	-0.48	759.28	14.676	75.928	N/A	22	759.28	764.81	53.805	87.397	LC-MS
AM1B - Tramadol	Lab Result	LC-MS	<10.00	µg/L		Zero Spike		N/A	N/A	21	N/A	N/A	N/A	N/A	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	910.00	µg/L	-0.97	1054	23.161	149.214	N/A	38	1054	1042.59	112.708	151.785	LCMS & MS/MS
Desethylamiodarone	Lab Result	LCMS & MS/MS	860.00	µg/L	0.00	860	35.582	146.352	N/A	33	860	869	161.025	166.061	LCMS & MS/MS
Flecainide	Lab Result	LCMS & MS/MS	180.00	µg/L	1.33	150	3.092	22.568	N/A	41	150	148.38	15.646	22.064	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	770.00	µg/L	-0.42	788	11.209	43.007	N/A	24	788	794.07	43.007	59.768	LCMS & MS/MS