

**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	5.73	mg/L	1.28	5.08	0.065	0.508	N/A	31	5.08	5.08	0.283	0.402	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	28.90	mg/L	-0.24*	29.95	1.641	4.152	4.465	11	29.95	29.29	4.152	4.111	HPLC
AM1B - Ibuprofen	Lab Result	HPLC	<1.00	mg/L		Zero Spike		N/A	N/A	11	N/A	N/A	N/A	N/A	HPLC
AM1A - Diclofenac	Lab Result	LC-MS	0.53	mg/L	0.68*	0.43	0.063	0.132	0.146	7	0.43	0.40	0.132	0.149	LC-MS
AM1B - Diclofenac	Lab Result	LC-MS	3.84	mg/L	0.41*	3.61	0.261	0.512	0.574	7	3.61	3.45	0.512	0.837	LC-MS
AM1A - Tramadol	Lab Result	LC-MS	857.00	µg/L	0.04	853.25	15.130	85.325	N/A	21	853.25	845.71	54.130	85.851	LC-MS
AM1B - Tramadol	Lab Result	LC-MS	294.00	µg/L	0.17	289	6.159	28.9	N/A	21	289	291.47	22.037	24.579	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	570.00	µg/L	0.05	565	9.822	103.256	N/A	40	565	550.30	49.072	83.690	LCMS & MS/MS
Desethylamiodarone	Lab Result	LCMS & MS/MS	840.00	µg/L	0.00	840	15.667	143.846	N/A	35	840	846.29	74.150	141.352	LCMS & MS/MS
Flecainide	Lab Result	LCMS & MS/MS	<10.00	µg/L		Zero Spike	1.534	N/A	N/A	37	N/A	N/A	N/A	N/A	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	1510.00	µg/L	1.58	1304	17.384	130.4	N/A	31	1304	1306.64	74.892	108.390	LCMS & MS/MS