

**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	6.36	mg/L	0.21	6.25	0.117	0.512	N/A	32	6.25	6.45	0.512	0.771	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	11.20	mg/L	0.02*	11.16	0.593	1.501	1.614	11	11.16	10.90	1.501	2.348	HPLC
AM1B - Ibuprofen	Lab Result	HPLC	24.90	mg/L	0.16*	24.41	1.107	2.801	3.012	11	24.41	22.56	2.801	4.406	HPLC
AM1A - Diclofenac	Lab Result	LC-MS	3.65	mg/L	0.51*	3.30	0.307	0.601	0.674	7	3.30	3.23	0.601	0.470	LC-MS
AM1B - Diclofenac	Lab Result	LC-MS	<0.01	mg/L		Zero Spike		N/A	N/A	7	N/A	N/A	N/A	N/A	LC-MS
AM1A - Tramadol	Lab Result	LC-MS	255.00	µg/L	0.67	240	5.798	22.245	N/A	24	240	242.83	22.245	24.628	LC-MS
AM1B - Tramadol	Lab Result	LC-MS	679.00	µg/L	-0.48	721	23.120	86.756	N/A	23	721	735.90	86.756	76.015	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	1800.00	µg/L	0.95	1600	28.568	210.497	N/A	39	1600	1614.79	140.885	214.528	LCMS & MS/MS
Desethylamiodarone	Lab Result	LCMS & MS/MS	1700.00	µg/L	0.35	1609.50	31.131	255.84	N/A	33	1609.50	1620.87	140.885	263.637	LCMS & MS/MS
Flecainide	Lab Result	LCMS & MS/MS	1005.00	µg/L	-0.54	1064.50	12.303	110.451	N/A	40	1064.50	1052.26	62.247	68.757	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	1235.00	µg/L	1.09	1113.85	16.838	111.385	N/A	37	1113.85	1118.42	80.824	92.830	LCMS & MS/MS