



Centre de toxicologie / INSPQ

Biological Reference Material

- Evaluation Report -

QM-U-Q2505

Biological matrix : Urine Date of publication : 2029-11-13
Expiration date :

MATERIAL NUMBER	Biological matrix	ANALYTE	ASSIGNED VALUE	UNIT	STANDARD UNCERTAINTY *	N
QM-U-Q2505	Urine	Antimony	4.25	µg/L	0.0725	35
		Barium	12.4	µg/L	0.212	29
		Bismuth	16.3	µg/L	0.227	26
		Cadmium	8.78	µg/L	0.102	44
		Cesium	13.0	µg/L	0.184	12
		Chromium	15.7	µg/L	0.135	38
		Cobalt	5.54	µg/L	0.0582	43
		Manganese	0.243	µg/L	0.0164	22
		Mercury	35.0	µg/L	1.05	41
		Molybdenum	40.2	µg/L	0.569	30
		Nickel	23.6	µg/L	0.292	44
		Platinum	4.14	µg/L	0.0577	18
		Silver	3.66	µg/L	0.0744	15
		Strontium	159	µg/L	2.55	23
		Tellurium	13.5	µg/L	0.329	13
		Thallium	9.67	µg/L	0.0955	39
		Thorium	13.1	µg/L	1.61	9
		Tin	0.175	µg/L	0.0390	17
		Titanium	3.12	µg/L	1.07	8
		Uranium	0.906	µg/L	0.0201	27
		Vanadium	1.17	µg/L	0.0372	30
	Urine	Aluminum	60.4	µg/L	1.41	36
		Arsenic Arsenobetaine	129	µg/L	4.81	5
		Arsenic DMAA	1.35	µg/L	0.148	5
		Arsenic MAA	0.211	µg/L	0.00944	3
		Arsenic sum As+3 As+5	0.265	µg/L	0.0360	3
		Beryllium	5.69	µg/L	0.0826	29
		Boron	801	µg/L	35.3	9
		Copper	132	µg/L	1.55	40
		Inorganic arsenic	1.67	µg/L	0.191	7
		Iodide	86.2	µg/L	1.32	25
		Lead	139	µg/L	1.47	44



Centre de toxicologie / INSPQ

Biological Reference Material

- Evaluation Report -

QM-U-Q2505

Biological matrix : Urine

Date of publication :

Expiration date : 2029-11-13

MATERIAL NUMBER	Biological matrix	ANALYTE	ASSIGNED VALUE	UNIT	STANDARD UNCERTAINTY *	N
QM-U-Q2505	Urine	Lithium	34.2	µg/L	1.22	17
		Selenium	35.3	µg/L	0.880	37
		Total arsenic	127	µg/L	1.81	41
		Zinc	361	µg/L	4.30	33

* Standard uncertainty (µx): characteristic of the dispersion of results used to calculate the assigned value; expressed in the same format as the standard deviation.

Centre de toxicologie / INSPQ | 945, ave. Wolfe | Québec (Québec) G1V 5B3 | Canada
Tél. : (418) 650-5115, poste 4254 | Fax : (418) 654-2148 | Courriel : ctq@inspq.qc.ca | Site Web : www.inspq.qc.ca/ctq
Magasin virtuel : www.inspq.qc.ca/ctq/vente | Virtual store/reference material : www.inspq.qc.ca/ctq/sales