



Centre de toxicologie / INSPQ

Biological Reference Material

- Evaluation Report -

QM-U-Q2613

Biological matrix : Urine

Date of publication : 2031-02-09

Expiration date :

MATERIAL NUMBER	Biological matrix	ANALYTE	ASSIGNED VALUE	UNIT	STANDARD UNCERTAINTY *	N
QM-U-Q2613	Urine	Antimony	2.38	µg/L	0.0445	31
		Barium	36.4	µg/L	0.493	28
		Bismuth	28.9	µg/L	0.582	22
		Cadmium	9.75	µg/L	0.0866	42
		Cesium	9.07	µg/L	0.164	11
		Chromium	37.5	µg/L	0.481	39
		Cobalt	9.59	µg/L	0.108	42
		Manganese	3.18	µg/L	0.0606	33
		Mercury	119	µg/L	4.25	38
		Molybdenum	220	µg/L	4.06	29
		Nickel	26.0	µg/L	0.425	47
		Platinum	1.86	µg/L	0.0266	17
		Silver	4.58	µg/L	0.115	13
		Strontium	168	µg/L	2.63	18
		Tellurium	15.8	µg/L	0.346	12
		Thallium	18.6	µg/L	0.208	36
		Thorium	0.176	µg/L	0.0175	9
		Tin	39.3	µg/L	0.700	29
		Titanium	16.8	µg/L	1.12	10
		Uranium	2.72	µg/L	0.0414	26
		Vanadium	9.25	µg/L	0.120	29
	Urine	Aluminum	97.4	µg/L	1.74	35
		Arsenic Arsenobetaine	2.20	µg/L	0.0773	5
		Arsenic As+5	62.1	µg/L	2.37	4
		Arsenic DMAA	2.29	µg/L	0.0530	5
		Arsenic MAA	0.455	µg/L	0.0343	5
		Arsenic sum As+3 As+5	62.7	µg/L	0.533	8
		Beryllium	5.95	µg/L	0.0835	28
		Boron	3680	µg/L	120	11
		Copper	5.19	µg/L	0.162	37
		Inorganic arsenic	65.8	µg/L	1.15	9
		Iodide	317	µg/L	7.35	28



Centre de toxicologie / INSPQ

Biological Reference Material

- Evaluation Report -

QM-U-Q2613

Biological matrix : Urine

Date of publication :

Expiration date : 2031-02-09

MATERIAL NUMBER	Biological matrix	ANALYTE	ASSIGNED VALUE	UNIT	STANDARD UNCERTAINTY *	N
QM-U-Q2613	Urine	Lead	34.8	µg/L	0.438	43
		Lithium	316	µg/L	7.31	17
		Selenium	155	µg/L	2.40	33
		Total arsenic	68.4	µg/L	0.954	45
		Zinc	325	µg/L	3.75	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