



Centre de toxicologie / INSPQ

Biological Reference Material

- Evaluation Report -

QM-U-Q2424

Biological matrix : Urine

Date of publication :
Expiration date : 2028-01-01

MATERIAL NUMBER	Biological matrix	ANALYTE	ASSIGNED VALUE	UNIT	STANDARD UNCERTAINTY *	N
QM-U-Q2424	Urine	Antimony	1.13	µg/L	0.0142	39
		Barium	2.12	µg/L	0.0480	28
		Bismuth	2.64	µg/L	0.0709	30
		Cadmium	2.42	µg/L	0.0314	51
		Cesium	5.19	µg/L	0.133	15
		Chromium	3.05	µg/L	0.0630	42
		Cobalt	3.90	µg/L	0.0563	46
		Manganese	2.31	µg/L	0.0466	40
		Mercury	14.6	µg/L	0.461	40
		Molybdenum	41.8	µg/L	0.688	36
		Nickel	3.03	µg/L	0.0668	48
		Platinum	3.49	µg/L	0.0662	20
		Silver	1.77	µg/L	0.177	15
		Strontium	254	µg/L	4.09	24
		Tellurium	3.40	µg/L	0.129	15
		Thallium	1.71	µg/L	0.0252	41
		Thorium	0.429	µg/L	0.0135	12
		Tin	1.76	µg/L	0.134	30
		Titanium	13.2	µg/L	0.466	11
		Uranium	0.593	µg/L	0.00883	29
	Vanadium	4.45	µg/L	0.0689	34	
	Urine	Aluminum	333	µg/L	6.08	39
		Arsenic Arsenobetaine	121	µg/L	4.29	5
		Arsenic DMAA	2.01	µg/L	0.147	6
		Arsenic MAA	0.334	µg/L	0.00805	5
		Arsenic sum As+3 As+5	0.276	µg/L	0.0162	4
		Beryllium	12.7	µg/L	0.241	36
		Boron	989	µg/L	45.2	13
		Copper	48.6	µg/L	0.667	45
Inorganic arsenic		2.48	µg/L	0.136	7	
Iodide		319	µg/L	5.55	28	
Lead	30.1	µg/L	0.318	49		



Centre de toxicologie / INSPQ

Biological Reference Material

- Evaluation Report -

QM-U-Q2424

Biological matrix : Urine

Date of publication :

Expiration date :

2028-01-01

MATERIAL NUMBER	Biological matrix	ANALYTE	ASSIGNED VALUE	UNIT	STANDARD UNCERTAINTY *	N
QM-U-Q2424	Urine	Lithium	924	µg/L	33.5	23
		Selenium	222	µg/L	4.85	37
		Total arsenic	124	µg/L	1.73	48
		Zinc	1530	µg/L	14.6	43

* Standard uncertainty (μ x): 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