



Centre de toxicologie / INSPQ

Biological Reference Material

- Evaluation Report -

QM-U-Q2614

Biological matrix : Urine

Date of publication : 2031-02-09

Expiration date :

MATERIAL NUMBER	Biological matrix	ANALYTE	ASSIGNED VALUE	UNIT	STANDARD UNCERTAINTY *	N
QM-U-Q2614	Urine	Antimony	5.46	µg/L	0.0853	31
		Barium	12.5	µg/L	0.166	28
		Bismuth	17.5	µg/L	0.593	22
		Cadmium	14.0	µg/L	0.127	42
		Cesium	6.86	µg/L	0.138	11
		Chromium	11.0	µg/L	0.105	39
		Cobalt	6.16	µg/L	0.0927	42
		Manganese	0.418	µg/L	0.0381	26
		Mercury	11.9	µg/L	0.513	40
		Molybdenum	667	µg/L	11.7	29
		Nickel	2.18	µg/L	0.0747	42
		Platinum	4.27	µg/L	0.0513	17
		Silver	6.66	µg/L	0.345	13
		Strontium	440	µg/L	8.47	18
		Tellurium	4.82	µg/L	0.268	12
		Thallium	43.3	µg/L	0.538	36
		Thorium	0.0920	µg/L	0.0250	9
		Tin	121	µg/L	2.59	29
		Titanium	10.6	µg/L	1.04	10
		Uranium	0.0854	µg/L	0.00437	22
		Vanadium	28.1	µg/L	0.327	29
	Urine	Aluminum	115	µg/L	2.47	35
		Arsenic Arsenobetaine	18.3	µg/L	0.550	5
		Arsenic As+5	882	µg/L	60.6	4
		Arsenic DMAA	2.21	µg/L	0.0528	4
		Arsenic MAA	0.281	µg/L	0.0139	3
		Arsenic sum As+3 As+5	895	µg/L	47.2	7
		Beryllium	9.97	µg/L	0.188	28
		Boron	4540	µg/L	141	11
		Copper	342	µg/L	4.21	39
		Inorganic arsenic	970	µg/L	26.8	9
		Iodide	279	µg/L	6.50	28



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QM-U-Q2614	Urine	Lead	674	µg/L	11.5	40
		Lithium	456	µg/L	10.5	17
		Selenium	271	µg/L	4.01	33
		Total arsenic	950	µg/L	13.3	43
		Zinc	311	µg/L	4.14	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.

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