



Centre de toxicologie / INSPQ

Biological Reference Material

- Evaluation Report -

QM-U-Q2504

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

MATERIAL NUMBER	Biological matrix	ANALYTE	ASSIGNED VALUE	UNIT	STANDARD UNCERTAINTY *	N
QM-U-Q2504	Urine	Antimony	1.43	µg/L	0.0151	36
		Barium	36.0	µg/L	0.352	30
		Bismuth	3.25	µg/L	0.0699	27
		Cadmium	2.49	µg/L	0.0278	46
		Cesium	8.31	µg/L	0.167	13
		Chromium	32.1	µg/L	0.222	40
		Cobalt	12.6	µg/L	0.0871	44
		Manganese	4.34	µg/L	0.0543	39
		Mercury	82.7	µg/L	2.64	39
		Molybdenum	79.7	µg/L	0.724	31
		Nickel	9.83	µg/L	0.107	44
		Platinum	2.29	µg/L	0.0480	20
		Silver	6.58	µg/L	0.353	15
		Strontium	227	µg/L	3.90	24
		Tellurium	3.51	µg/L	0.153	13
		Thallium	34.7	µg/L	0.367	39
		Thorium	0.167	µg/L	0.0175	8
		Tin	5.46	µg/L	0.0807	29
		Titanium	16.2	µg/L	0.830	11
		Uranium	1.13	µg/L	0.0226	30
		Vanadium	18.9	µg/L	0.255	31
	Urine	Aluminum	263	µg/L	4.08	36
		Arsenic DMAA	48.1	µg/L	1.70	8
		Arsenic MAA	0.202	µg/L	0.0117	3
		Arsenic sum As+3 As+5	0.325	µg/L	0.102	5
		Beryllium	3.62	µg/L	0.0596	31
		Boron	636	µg/L	20.3	10
		Copper	420	µg/L	3.41	41
		Inorganic arsenic	47.6	µg/L	1.72	10
		Iodide	149	µg/L	1.49	27
		Lead	19.9	µg/L	0.225	46
		Lithium	473	µg/L	13.6	19



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QM-U-Q2504	Urine	Selenium	81.7	µg/L	1.86	37
		Total arsenic	50.7	µg/L	0.599	42
		Zinc	484	µg/L	4.70	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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