



Centre de toxicologie / INSPQ

Biological Reference Material

- Evaluation Report -

QM-U-Q2615

Biological matrix : Urine

Date of publication : 2031-02-09

Expiration date :

MATERIAL NUMBER	Biological matrix	ANALYTE	ASSIGNED VALUE	UNIT	STANDARD UNCERTAINTY *	N
QM-U-Q2615	Urine	Antimony	6.08	µg/L	0.0981	30
		Barium	4.42	µg/L	0.0741	27
		Bismuth	2.10	µg/L	0.0515	22
		Cadmium	3.00	µg/L	0.0401	41
		Cesium	4.46	µg/L	0.0737	11
		Chromium	19.2	µg/L	0.254	39
		Cobalt	2.62	µg/L	0.0348	41
		Manganese	7.90	µg/L	0.167	33
		Mercury	60.3	µg/L	1.71	39
		Molybdenum	78.2	µg/L	1.34	30
		Nickel	14.0	µg/L	0.216	45
		Platinum	0.599	µg/L	0.00818	17
		Silver	1.01	µg/L	0.0300	12
		Strontium	364	µg/L	6.52	18
		Tellurium	38.5	µg/L	0.690	12
		Thallium	28.7	µg/L	0.311	35
		Thorium	0.0232	µg/L	0.00376	8
		Tin	0.753	µg/L	0.0325	27
		Titanium	6.30	µg/L	0.533	10
		Uranium	3.13	µg/L	0.0489	26
		Vanadium	3.89	µg/L	0.0531	29
	Urine	Aluminum	62.9	µg/L	1.11	35
		Arsenic Arsenobetaine	9.22	µg/L	0.293	6
		Arsenic As+5	124	µg/L	7.50	4
		Arsenic DMAA	1.78	µg/L	0.0217	5
		Arsenic MAA	0.262	µg/L	0.0196	4
		Arsenic sum As+3 As+5	125	µg/L	4.08	8
		Beryllium	11.4	µg/L	0.157	28
		Boron	4530	µg/L	132	11
		Copper	114	µg/L	1.28	39
		Inorganic arsenic	131	µg/L	4.54	9
		Iodide	327	µg/L	7.77	28



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QM-U-Q2615	Urine	Lead	124	µg/L	1.61	42
		Lithium	300	µg/L	6.87	17
		Selenium	95.6	µg/L	1.41	32
		Total arsenic	135	µg/L	1.91	43
		Zinc	697	µg/L	8.63	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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