



Centre de toxicologie / INSPQ

Biological Reference Material

- Evaluation Report -

QM-U-Q2605

Biological matrix : Urine

Date of publication :
Expiration date : 2030-12-01

MATERIAL NUMBER	Biological matrix	ANALYTE	ASSIGNED VALUE	UNIT	STANDARD UNCERTAINTY *	N
QM-U-Q2605	Urine	Antimony	0.203	µg/L	0.0153	22
		Barium	7.84	µg/L	0.165	27
		Bismuth	5.95	µg/L	0.106	22
		Cadmium	6.22	µg/L	0.0689	38
		Cesium	9.99	µg/L	0.154	11
		Chromium	9.72	µg/L	0.198	35
		Cobalt	3.47	µg/L	0.0561	37
		Manganese	0.342	µg/L	0.0473	23
		Mercury	0.676	µg/L	0.0514	28
		Molybdenum	29.1	µg/L	0.558	28
		Nickel	10.8	µg/L	0.152	43
		Platinum	0.806	µg/L	0.0256	18
		Silver	1.38	µg/L	0.0902	11
		Strontium	350	µg/L	3.89	17
		Tellurium	7.30	µg/L	0.782	14
		Thallium	0.493	µg/L	0.00867	31
		Thorium	0.0704	µg/L	0.00483	8
		Tin	25.0	µg/L	0.408	28
		Titanium	6.60	µg/L	0.279	13
		Uranium	0.971	µg/L	0.0223	25
	Vanadium	9.92	µg/L	0.184	27	
	Urine	Aluminum	78.3	µg/L	1.36	34
		Arsenic Arsenobetaine	4.67	µg/L	0.0438	5
		Arsenic DMAA	0.890	µg/L	0.0307	5
		Arsenic MAA	32.1	µg/L	0.316	8
		Beryllium	2.16	µg/L	0.0534	28
		Boron	3970	µg/L	144	11
		Copper	706	µg/L	7.13	37
		Inorganic arsenic	33.2	µg/L	0.552	8
		Iodide	52.5	µg/L	1.12	25
		Lead	10.6	µg/L	0.281	39
		Lithium	619	µg/L	10.3	16



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QM-U-Q2605	Urine	Selenium	131	µg/L	3.00	29
		Total arsenic	37.8	µg/L	0.504	39
		Zinc	1120	µg/L	14.5	31

* 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.

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