



Centre de toxicologie / INSPQ

Biological Reference Material

- Evaluation Report -

QM-U-Q2406

Biological matrix : Urine Date of publication : 2028-11-14
Expiration date :

MATERIAL NUMBER	Biological matrix	ANALYTE	ASSIGNED VALUE	UNIT	STANDARD UNCERTAINTY *	N
QM-U-Q2406	Urine	Antimony	2.33	µg/L	0.0405	33
		Barium	36.6	µg/L	0.463	27
		Bismuth	29.9	µg/L	0.486	24
		Cadmium	9.50	µg/L	0.0938	47
		Cesium	8.93	µg/L	0.145	12
		Chromium	36.6	µg/L	0.348	42
		Cobalt	9.00	µg/L	0.0787	46
		Manganese	3.27	µg/L	0.0476	36
		Mercury	125	µg/L	2.86	36
		Molybdenum	203	µg/L	2.31	32
		Nickel	24.8	µg/L	0.261	49
		Platinum	1.79	µg/L	0.0404	19
		Silver	4.09	µg/L	0.407	17
		Strontium	166	µg/L	2.01	20
		Tellurium	17.4	µg/L	0.678	15
		Thallium	18.5	µg/L	0.192	40
		Thorium	0.200	µg/L	0.0145	13
		Tin	38.7	µg/L	0.695	31
		Titanium	17.7	µg/L	0.988	11
		Uranium	2.79	µg/L	0.0376	30
		Vanadium	8.55	µg/L	0.0901	30
	Urine	Aluminum	89.8	µg/L	0.989	36
		Arsenic Arsenobetaine	0.361	µg/L	0.0380	5
		Arsenic As+5	68.3	µg/L	0.648	5
		Arsenic DMAA	1.48	µg/L	0.107	6
		Arsenic MAA	0.203	µg/L	0.00737	6
		Arsenic sum As+3 As+5	73.3	µg/L	2.65	8
		Beryllium	6.36	µg/L	0.0983	29
		Boron	509	µg/L	14.0	10
		Copper	8.40	µg/L	0.150	39
		Inorganic arsenic	72.7	µg/L	2.08	12
		Iodide	114	µg/L	1.63	27



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QM-U-Q2406	Urine	Lead	33.9	µg/L	0.551	45
		Lithium	9.86	µg/L	0.182	17
		Selenium	152	µg/L	3.27	34
		Total arsenic	77.7	µg/L	0.790	45
		Zinc	287	µg/L	3.27	36

* 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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