



Centre de toxicologie / INSPQ

Biological Reference Material

- Evaluation Report -

QM-U-Q2506

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

MATERIAL NUMBER	Biological matrix	ANALYTE	ASSIGNED VALUE	UNIT	STANDARD UNCERTAINTY *	N
QM-U-Q2506	Urine	Antimony	1.33	µg/L	0.0163	35
		Barium	27.6	µg/L	0.289	29
		Bismuth	14.6	µg/L	0.262	27
		Cadmium	3.73	µg/L	0.0537	45
		Cesium	15.1	µg/L	0.257	13
		Chromium	42.1	µg/L	0.344	40
		Cobalt	4.04	µg/L	0.0448	44
		Manganese	2.82	µg/L	0.0337	38
		Mercury	64.4	µg/L	2.07	41
		Molybdenum	66.3	µg/L	0.757	31
		Nickel	27.5	µg/L	0.311	46
		Platinum	1.27	µg/L	0.0292	19
		Silver	2.05	µg/L	0.0920	15
		Strontium	124	µg/L	2.44	24
		Tellurium	47.1	µg/L	1.50	13
		Thallium	4.73	µg/L	0.0489	40
		Thorium	51.7	µg/L	3.28	9
		Tin	0.170	µg/L	0.0192	14
		Titanium	2.33	µg/L	0.623	6
		Uranium	23.0	µg/L	0.419	29
		Vanadium	0.137	µg/L	0.0129	23
	Urine	Aluminum	139	µg/L	2.22	37
		Arsenic Arsenobetaine	97.0	µg/L	4.18	5
		Arsenic As+3	233	µg/L	6.74	4
		Arsenic As+5	4.04	µg/L	0.741	3
		Arsenic DMAA	3.04	µg/L	0.171	5
		Arsenic MAA	0.613	µg/L	0.0248	4
		Arsenic sum As+3 As+5	237	µg/L	4.94	7
		Beryllium	7.45	µg/L	0.129	30
		Boron	1170	µg/L	22.4	9
		Copper	745	µg/L	6.65	41
		Inorganic arsenic	218	µg/L	7.20	10



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MATERIAL NUMBER	Biological matrix	ANALYTE	ASSIGNED VALUE	UNIT	STANDARD UNCERTAINTY *	N
QM-U-Q2506	Urine	Iodide	111	µg/L	2.04	26
		Lead	220	µg/L	2.61	45
		Lithium	247	µg/L	7.00	19
		Selenium	28.9	µg/L	0.819	36
		Total arsenic	308	µg/L	4.23	43
		Zinc	316	µg/L	3.33	34

* 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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