



Centre de toxicologie / INSPQ

Biological Reference Material

- Evaluation Report -

QM-U-Q2215

Biological matrix : Urine Date of publication : 2027-02-07
Expiration date :

MATERIAL NUMBER	Biological matrix	ANALYTE	ASSIGNED VALUE	UNIT	STANDARD UNCERTAINTY *	N
QM-U-Q2215	Urine	Aluminum	179	µg/L	4.51	34
	Urine	Antimony	2.58	µg/L	0.0353	36
	Urine	Arsenic (Seafood)	428	µg/L	3.68	5
	Urine	Arsenic (DMAA)	2.37	µg/L	0.319	4
	Urine	Arsenic (MAA)	0.233	µg/L	0.00667	3
	Urine	Barium	17.8	µg/L	0.298	28
	Urine	Beryllium	3.06	µg/L	0.0399	31
	Urine	Bismuth	0.646	µg/L	0.0375	25
	Urine	Cadmium	1.85	µg/L	0.0360	43
	Urine	Cesium	6.09	µg/L	0.147	12
	Urine	Chromium	65.4	µg/L	1.15	36
	Urine	Cobalt	12.9	µg/L	0.162	40
	Urine	Copper	75.3	µg/L	0.909	37
	Urine	Inorganic arsenic	3.01	µg/L	0.503	6
	Urine	Iodide	168	µg/L	3.16	25
	Urine	Lead	52.9	µg/L	0.972	39
	Urine	Lithium	142	µg/L	5.13	18
	Urine	Manganese	3.55	µg/L	0.0478	39
	Urine	Mercury	219	µg/L	5.77	36
	Urine	Molybdenum	146	µg/L	2.09	32
	Urine	Nickel	11.2	µg/L	0.183	43
	Urine	Platinum	1.75	µg/L	0.0356	20
	Urine	Selenium	165	µg/L	2.88	36
	Urine	Silver	4.09	µg/L	0.359	19
	Urine	Strontium	64.0	µg/L	1.26	22
	Urine	Tellurium	14.6	µg/L	0.805	17
	Urine	Thallium	17.0	µg/L	0.199	42
	Urine	Thorium	0.0355	µg/L	0.00335	12
	Urine	Tin	75.6	µg/L	1.44	31
	Urine	Titanium	20.6	µg/L	0.665	10
	Urine	Total arsenic	431	µg/L	4.85	46
	Urine	Uranium	1.63	µg/L	0.0422	31



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QM-U-Q2215	Urine	Vanadium	1.66	µg/L	0.0535	32
	Urine	Zinc	891	µg/L	15.2	35

* 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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