



Centre de toxicologie / INSPQ

Biological Reference Material

- Evaluation Report -

QM-U-Q2213

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

MATERIAL NUMBER	Biological matrix	ANALYTE	ASSIGNED VALUE	UNIT	STANDARD UNCERTAINTY *	N
QM-U-Q2213	Urine	Aluminum	79.7	µg/L	1.61	34
	Urine	Antimony	6.01	µg/L	0.0861	37
	Urine	Arsenic (sum As+3 As+5)	658	µg/L	29.9	4
	Urine	Arsenic (As+5)	659	µg/L	14.1	6
	Urine	Arsenic (Seafood)	8.04	µg/L	0.0926	4
	Urine	Arsenic (DMAA)	1.76	µg/L	0.0835	4
	Urine	Arsenic (MAA)	0.165	µg/L	0.00919	4
	Urine	Barium	8.70	µg/L	0.133	28
	Urine	Beryllium	8.67	µg/L	0.190	31
	Urine	Bismuth	9.74	µg/L	0.188	25
	Urine	Cadmium	8.12	µg/L	0.0899	43
	Urine	Cesium	11.4	µg/L	0.154	12
	Urine	Chromium	26.5	µg/L	0.317	37
	Urine	Cobalt	7.24	µg/L	0.0903	40
	Urine	Copper	268	µg/L	3.24	39
	Urine	Inorganic arsenic	651	µg/L	12.0	9
	Urine	Iodide	84.5	µg/L	1.36	24
	Urine	Lead	356	µg/L	2.94	41
	Urine	Lithium	76.8	µg/L	1.89	18
	Urine	Manganese	2.43	µg/L	0.0386	38
	Urine	Mercury	55.9	µg/L	1.43	36
	Urine	Molybdenum	36.7	µg/L	0.521	33
	Urine	Nickel	12.1	µg/L	0.191	43
	Urine	Platinum	1.33	µg/L	0.0195	21
	Urine	Selenium	61.3	µg/L	1.66	36
	Urine	Silver	2.32	µg/L	0.181	20
	Urine	Strontium	106	µg/L	1.85	22
	Urine	Tellurium	17.3	µg/L	0.922	17
	Urine	Thallium	5.07	µg/L	0.0670	42
	Urine	Thorium	0.113	µg/L	0.00559	11
	Urine	Tin	46.7	µg/L	0.737	31
	Urine	Titanium	24.6	µg/L	0.733	9



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QM-U-Q2213	Urine	Total arsenic	689	µg/L	7.02	45
	Urine	Uranium	3.91	µg/L	0.0721	31
	Urine	Vanadium	7.34	µg/L	0.103	32
	Urine	Zinc	312	µg/L	3.14	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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