



Centre de toxicologie / INSPQ

Biological Reference Material

- Evaluation Report -

QM-U-Q2515

Biological matrix : Urine

Date of publication : 2030-01-23

Expiration date :

MATERIAL NUMBER	Biological matrix	ANALYTE	ASSIGNED VALUE	UNIT	STANDARD UNCERTAINTY *	N
QM-U-Q2515	Urine	Antimony	0.680	µg/L	0.0121	33
		Barium	8.67	µg/L	0.131	30
		Bismuth	17.1	µg/L	0.508	27
		Cadmium	4.46	µg/L	0.0522	45
		Cesium	9.78	µg/L	0.123	11
		Chromium	9.31	µg/L	0.123	39
		Cobalt	1.09	µg/L	0.0130	44
		Manganese	7.82	µg/L	0.113	37
		Mercury	9.06	µg/L	0.423	39
		Molybdenum	50.2	µg/L	0.702	34
		Nickel	34.8	µg/L	0.433	45
		Platinum	2.01	µg/L	0.0403	20
		Silver	0.890	µg/L	0.176	11
		Strontium	398	µg/L	8.81	20
		Tellurium	3.31	µg/L	0.334	13
		Thallium	41.9	µg/L	0.563	39
		Thorium	0.196	µg/L	0.0185	10
		Tin	19.9	µg/L	0.288	32
		Titanium	16.2	µg/L	0.637	10
		Uranium	1.04	µg/L	0.0288	27
		Vanadium	13.6	µg/L	0.186	30
	Urine	Aluminum	112	µg/L	2.33	37
		Arsenic As+5	110	µg/L	2.50	5
		Arsenic DMAA	1.79	µg/L	0.0911	6
		Arsenic MAA	0.340	µg/L	0.0242	4
		Arsenic sum As+3 As+5	106	µg/L	1.86	7
		Beryllium	5.29	µg/L	0.0929	33
		Boron	938	µg/L	17.7	13
		Copper	865	µg/L	7.31	42
		Inorganic arsenic	107	µg/L	1.14	9
		Iodide	275	µg/L	4.39	28
		Lead	160	µg/L	2.03	47



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QM-U-Q2515	Urine	Lithium	307	µg/L	14.4	18
		Selenium	356	µg/L	6.56	34
		Total arsenic	113	µg/L	1.75	46
		Zinc	1100	µg/L	15.1	32

* 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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