



Centre de toxicologie / INSPQ

Biological Reference Material

- Evaluation Report -

QM-S-Q2617

Biological matrix : Serum
Date of publication :
Expiration date : 2030-12-15

MATERIAL NUMBER	Biological matrix	ANALYTE	ASSIGNED VALUE	UNIT	STANDARD UNCERTAINTY *	N
QM-S-Q2617	Serum	Aluminum	79.3	µg/L	1.74	30
		Antimony	2.63	µg/L	0.0533	17
		Barium	2.30	µg/L	0.0770	16
		Beryllium	5.56	µg/L	0.0985	19
		Bismuth	5.85	µg/L	0.216	14
		Cadmium	3.47	µg/L	0.0895	19
		Chromium	3.71	µg/L	0.0708	32
		Cobalt	0.498	µg/L	0.00844	36
		Copper	2360	µg/L	19.8	44
		Iodide	53.3	µg/L	1.01	28
		Lead	83.0	µg/L	2.44	15
		Manganese	2.18	µg/L	0.0505	32
		Mercury	1.46	µg/L	0.0402	17
		Molybdenum	3.18	µg/L	0.0532	38
		Nickel	3.48	µg/L	0.0893	38
		Platinum	0.504	µg/L	0.0118	11
		Selenium	284	µg/L	3.25	42
		Silver	0.969	µg/L	0.0324	14
		Tellurium	2.87	µg/L	0.0117	8
		Thallium	0.938	µg/L	0.0207	21
		Thorium	0.213	µg/L	0.0257	3
		Tin	2.92	µg/L	0.0432	20
		Titanium	3.16	µg/L	0.649	11
		Total arsenic	14.8	µg/L	0.282	25
		Uranium	0.148	µg/L	0.00938	10
		Vanadium	1.46	µg/L	0.0445	20
		Zinc	1250	µg/L	13.4	42

* Standard uncertainty (µx): characteristic of the dispersion of results used to calculate the assigned value; expressed in the same format as the standard deviation.