



Centre de toxicologie / INSPQ

Biological Reference Material

- Evaluation Report -

QM-S-Q2407

Biological matrix : Serum
Date of publication : 2028-10-10
Expiration date :

MATERIAL NUMBER	Biological matrix	ANALYTE	ASSIGNED VALUE	UNIT	STANDARD UNCERTAINTY *	N
QM-S-Q2407	Serum	Aluminum	86.1	µg/L	1.24	27
	Serum	Antimony	2.20	µg/L	0.0730	20
	Serum	Barium	15.2	µg/L	0.228	18
	Serum	Beryllium	9.87	µg/L	0.274	21
	Serum	Bismuth	17.6	µg/L	0.311	16
	Serum	Cadmium	2.55	µg/L	0.0397	20
	Serum	Chromium	3.26	µg/L	0.0588	32
	Serum	Cobalt	3.13	µg/L	0.0342	41
	Serum	Copper	1820	µg/L	19.5	42
	Serum	Iodide	110	µg/L	1.79	27
	Serum	Lead	30.7	µg/L	0.684	16
	Serum	Manganese	0.565	µg/L	0.0266	33
	Serum	Mercury	1.77	µg/L	0.0466	17
	Serum	Molybdenum	3.23	µg/L	0.0394	36
	Serum	Nickel	7.13	µg/L	0.130	33
	Serum	Platinum	0.269	µg/L	0.00797	10
	Serum	Selenium	182	µg/L	2.57	40
	Serum	Silver	3.50	µg/L	0.0962	15
	Serum	Tellurium	8.74	µg/L	0.151	8
	Serum	Thallium	2.66	µg/L	0.0443	21
	Serum	Thorium	0.934	µg/L	0.0205	9
	Serum	Tin	4.05	µg/L	0.0646	23
	Serum	Titanium	3.60	µg/L	0.518	13
	Serum	Total arsenic	12.2	µg/L	0.227	25
	Serum	Uranium	0.201	µg/L	0.00721	11
	Serum	Vanadium	0.573	µg/L	0.0209	18
	Serum	Zinc	1440	µg/L	12.5	40

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