



Centre de toxicologie / INSPQ

Biological Reference Material

- Evaluation Report -

QM-S-Q2517

Biological matrix : Serum
Date of publication :
Expiration date : 2030-02-18

MATERIAL NUMBER	Biological matrix	ANALYTE	ASSIGNED VALUE	UNIT	STANDARD UNCERTAINTY *	N
QM-S-Q2517	Serum	Aluminum	156	µg/L	3.41	30
	Serum	Antimony	0.302	µg/L	0.0148	17
	Serum	Barium	5.37	µg/L	0.139	19
	Serum	Beryllium	2.10	µg/L	0.0404	23
	Serum	Bismuth	16.5	µg/L	0.341	14
	Serum	Cadmium	0.430	µg/L	0.0164	19
	Serum	Chromium	7.36	µg/L	0.0952	34
	Serum	Cobalt	1.17	µg/L	0.0202	38
	Serum	Copper	1210	µg/L	11.5	40
	Serum	Iodide	128	µg/L	1.56	29
	Serum	Lead	38.3	µg/L	0.678	15
	Serum	Manganese	4.98	µg/L	0.0895	33
	Serum	Mercury	2.57	µg/L	0.0659	16
	Serum	Molybdenum	1.26	µg/L	0.0245	35
	Serum	Nickel	5.26	µg/L	0.0904	38
	Serum	Platinum	0.157	µg/L	0.00429	10
	Serum	Selenium	134	µg/L	2.01	39
	Serum	Silver	0.913	µg/L	0.0431	10
	Serum	Tellurium	2.61	µg/L	0.0983	7
	Serum	Thallium	0.0794	µg/L	0.00208	14
	Serum	Thorium	2.69	µg/L	0.0879	8
	Serum	Tin	3.69	µg/L	0.0524	21
	Serum	Titanium	4.82	µg/L	0.422	15
	Serum	Total arsenic	4.68	µg/L	0.107	23
	Serum	Uranium	0.258	µg/L	0.00926	10
	Serum	Vanadium	0.216	µg/L	0.0301	17
	Serum	Zinc	1510	µg/L	19.2	38

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