



Centre de toxicologie / INSPQ

Biological Reference Material

- Evaluation Report -

QM-B-Q2520

Biological matrix : Blood

Date of publication :
Expiration date :

MATERIAL NUMBER	Biological matrix	ANALYTE	ASSIGNED VALUE	UNIT	STANDARD UNCERTAINTY *	N
QM-B-Q2520	Blood	Antimony	3.62	µg/L	0.0868	23
		Barium	6.87	µg/L	0.197	19
		Bismuth	5.70	µg/L	0.0781	20
		Cadmium	4.76	µg/L	0.0444	51
		Cesium	4.91	µg/L	0.150	10
		Chromium	3.16	µg/L	0.0637	38
		Cobalt	1.59	µg/L	0.0273	42
		Manganese	6.92	µg/L	0.183	42
		Mercury	1.91	µg/L	0.0406	42
		Molybdenum	5.73	µg/L	0.0789	34
		Nickel	3.72	µg/L	0.143	30
		Platinum	0.314	µg/L	0.00922	10
		Silver	2.78	µg/L	0.0814	20
		Strontium	15.0	µg/L	0.259	19
		Tellurium	5.32	µg/L	0.200	13
		Thallium	1.63	µg/L	0.0252	35
		Thorium	0.498	µg/L	0.0142	8
		Tin	6.95	µg/L	0.302	23
		Titanium	12.6	µg/L	0.534	11
		Total arsenic	10.0	µg/L	0.148	44
		Uranium	0.191	µg/L	0.00479	12
		Vanadium	4.00	µg/L	0.0833	19
	Blood	Aluminum	69.1	µg/L	1.81	20
		Beryllium	8.67	µg/L	0.307	19
		Copper	996	µg/L	17.4	28
		Iodide	48.3	µg/L	0.763	13
		Lead	90.8	µg/L	0.900	55
		Selenium	165	µg/L	2.70	31
		Zinc	7830	µg/L	93.5	26

* 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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