



Centre de toxicologie / INSPQ

Biological Reference Material

- Evaluation Report -

QM-B-Q2421

Biological matrix : Blood
Date of publication : 2028-01-01
Expiration date :

MATERIAL NUMBER	Biological matrix	ANALYTE	ASSIGNED VALUE	UNIT	STANDARD UNCERTAINTY *	N
QM-B-Q2421	Blood	Antimony	6.49	µg/L	0.230	28
		Barium	3.54	µg/L	0.128	18
		Bismuth	21.0	µg/L	0.221	23
		Cadmium	0.774	µg/L	0.0103	47
		Cesium	10.1	µg/L	0.165	9
		Chromium	2.07	µg/L	0.0654	34
		Cobalt	10.6	µg/L	0.101	44
		Manganese	6.97	µg/L	0.165	38
		Mercury	32.6	µg/L	0.618	46
		Molybdenum	3.39	µg/L	0.0746	34
		Nickel	4.94	µg/L	0.186	27
		Platinum	0.515	µg/L	0.00972	15
		Silver	3.26	µg/L	0.109	19
		Strontium	14.3	µg/L	0.245	19
		Tellurium	2.68	µg/L	0.137	12
		Thallium	0.551	µg/L	0.0101	35
		Thorium	2.90	µg/L	0.0669	11
		Tin	8.47	µg/L	0.312	22
		Titanium	10.3	µg/L	0.572	9
		Total arsenic	7.53	µg/L	0.122	47
		Uranium	0.133	µg/L	0.00518	14
		Vanadium	1.87	µg/L	0.0364	18
	Blood	Aluminum	90.4	µg/L	3.44	19
		Beryllium	6.14	µg/L	0.166	21
		Copper	1330	µg/L	20.9	31
		Iodide	54.1	µg/L	1.80	12
		Lead	82.7	µg/L	0.915	55
		Selenium	300	µg/L	4.60	37
		Zinc	8320	µg/L	139	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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