



Centre de toxicologie / INSPQ

Biological Reference Material

- Evaluation Report -

QM-B-Q2420

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

MATERIAL NUMBER	Biological matrix	ANALYTE	ASSIGNED VALUE	UNIT	STANDARD UNCERTAINTY *	N
QM-B-Q2420	Blood	Antimony	0.722	µg/L	0.0198	25
		Barium	6.37	µg/L	0.237	19
		Bismuth	9.93	µg/L	0.129	23
		Cadmium	7.74	µg/L	0.0819	50
		Cesium	5.10	µg/L	0.109	9
		Chromium	5.94	µg/L	0.145	35
		Cobalt	6.17	µg/L	0.0664	43
		Manganese	18.6	µg/L	0.250	40
		Mercury	68.3	µg/L	1.59	46
		Molybdenum	5.32	µg/L	0.127	34
		Nickel	4.18	µg/L	0.192	27
		Platinum	2.45	µg/L	0.0619	15
		Silver	0.896	µg/L	0.0242	17
		Strontium	19.0	µg/L	0.322	19
		Tellurium	6.66	µg/L	0.311	12
		Thallium	5.96	µg/L	0.0789	36
		Thorium	0.753	µg/L	0.0212	11
		Tin	22.3	µg/L	0.442	22
		Titanium	20.2	µg/L	1.05	10
		Total arsenic	16.9	µg/L	0.231	47
		Uranium	0.435	µg/L	0.00365	14
		Vanadium	4.12	µg/L	0.0856	18
	Blood	Aluminum	195	µg/L	8.52	19
		Beryllium	7.85	µg/L	0.211	21
		Copper	4140	µg/L	65.1	31
		Iodide	60.3	µg/L	2.18	12
		Lead	590	µg/L	7.96	55
		Selenium	584	µg/L	8.39	37
		Zinc	5110	µg/L	83.0	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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