



Centre de toxicologie / INSPQ

Biological Reference Material

- Evaluation Report -

QM-B-Q2410

Biological matrix : Blood Date of publication : 2029-02-18
Expiration date :

MATERIAL NUMBER	Biological matrix	ANALYTE	ASSIGNED VALUE	UNIT	STANDARD UNCERTAINTY *	N
QM-B-Q2410	Blood	Antimony	5.64	µg/L	0.0950	25
		Barium	2.80	µg/L	0.0483	17
		Bismuth	7.54	µg/L	0.105	20
		Cadmium	5.39	µg/L	0.0591	51
		Cesium	5.11	µg/L	0.124	10
		Chromium	4.94	µg/L	0.0678	34
		Cobalt	4.55	µg/L	0.0477	42
		Manganese	39.2	µg/L	0.498	43
		Mercury	40.9	µg/L	0.763	44
		Molybdenum	4.29	µg/L	0.0597	33
		Nickel	7.10	µg/L	0.138	27
		Platinum	0.220	µg/L	0.0113	14
		Silver	1.40	µg/L	0.0459	18
		Strontium	15.0	µg/L	0.350	20
		Tellurium	5.95	µg/L	0.226	15
		Thallium	7.16	µg/L	0.116	36
		Thorium	1.12	µg/L	0.0569	11
		Tin	9.33	µg/L	0.397	23
		Titanium	7.42	µg/L	0.976	7
		Total arsenic	25.1	µg/L	0.380	47
		Uranium	0.360	µg/L	0.00850	15
		Vanadium	0.774	µg/L	0.0231	18
	Blood	Aluminum	151	µg/L	3.98	20
		Beryllium	5.36	µg/L	0.0972	21
		Copper	2530	µg/L	34.4	29
		Iodide	74.2	µg/L	2.07	11
		Lead	330	µg/L	3.60	57
		Selenium	446	µg/L	5.41	37
		Zinc	5340	µg/L	81.8	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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