



Centre de toxicologie / INSPQ

Biological Reference Material

- Evaluation Report -

QM-B-Q2601

Biological matrix : Blood

Date of publication :
Expiration date : 2030-11-20

MATERIAL NUMBER	Biological matrix	ANALYTE	ASSIGNED VALUE	UNIT	STANDARD UNCERTAINTY *	N
QM-B-Q2601	Blood	Antimony	11.7	µg/L	0.179	23
		Barium	1.10	µg/L	0.0841	14
		Bismuth	16.6	µg/L	0.314	20
		Cadmium	12.2	µg/L	0.145	49
		Cesium	6.92	µg/L	0.165	9
		Chromium	2.39	µg/L	0.0688	33
		Cobalt	3.12	µg/L	0.0342	41
		Manganese	7.75	µg/L	0.174	39
		Mercury	34.7	µg/L	0.577	45
		Molybdenum	7.39	µg/L	0.117	34
		Nickel	5.69	µg/L	0.112	27
		Platinum	1.15	µg/L	0.0279	11
		Silver	4.46	µg/L	0.0682	16
		Strontium	32.4	µg/L	0.497	17
		Tellurium	3.95	µg/L	0.0800	13
		Thallium	3.35	µg/L	0.0477	33
		Thorium	1.15	µg/L	0.0538	8
		Tin	9.08	µg/L	0.191	21
		Titanium	15.8	µg/L	0.924	12
		Total arsenic	11.1	µg/L	0.174	43
	Uranium	0.778	µg/L	0.0309	12	
	Vanadium	2.90	µg/L	0.0360	19	
	Blood	Aluminum	129	µg/L	3.18	18
		Beryllium	7.55	µg/L	0.194	19
		Copper	1390	µg/L	26.1	30
		Iodide	73.3	µg/L	2.40	12
		Lead	193	µg/L	2.18	54
		Selenium	357	µg/L	6.10	33
Zinc		11800	µg/L	199	29	

* 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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