



Centre de toxicologie / INSPQ

Biological Reference Material

- Evaluation Report -

QM-B-Q2602

Biological matrix : Blood

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

MATERIAL NUMBER	Biological matrix	ANALYTE	ASSIGNED VALUE	UNIT	STANDARD UNCERTAINTY *	N
QM-B-Q2602	Blood	Antimony	1.44	µg/L	0.0442	23
		Barium	8.16	µg/L	0.193	16
		Bismuth	6.54	µg/L	0.157	20
		Cadmium	2.45	µg/L	0.0352	49
		Cesium	2.17	µg/L	0.0209	9
		Chromium	2.05	µg/L	0.0661	33
		Cobalt	1.04	µg/L	0.0164	40
		Manganese	13.6	µg/L	0.178	39
		Mercury	27.1	µg/L	0.584	45
		Molybdenum	4.15	µg/L	0.0666	34
		Nickel	8.41	µg/L	0.144	27
		Platinum	2.06	µg/L	0.0338	11
		Silver	2.87	µg/L	0.0595	17
		Strontium	25.1	µg/L	0.318	17
		Tellurium	6.40	µg/L	0.213	13
		Thallium	4.02	µg/L	0.0578	33
		Thorium	1.76	µg/L	0.106	8
		Tin	22.0	µg/L	0.610	20
		Titanium	7.63	µg/L	0.457	11
		Total arsenic	6.65	µg/L	0.137	43
	Uranium	0.856	µg/L	0.0425	11	
	Vanadium	1.51	µg/L	0.0302	18	
	Blood	Aluminum	80.3	µg/L	2.77	18
		Beryllium	14.3	µg/L	0.368	19
		Copper	1170	µg/L	20.5	30
		Iodide	102	µg/L	2.80	12
		Lead	245	µg/L	2.95	54
		Selenium	305	µg/L	5.30	33
Zinc		5410	µg/L	79.5	30	

* 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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