



Centre de toxicologie / INSPQ

Biological Reference Material

- Evaluation Report -

QM-B-Q2521

Biological matrix : Blood

Date of publication :

Expiration date :

MATERIAL NUMBER	Biological matrix	ANALYTE	ASSIGNED VALUE	UNIT	STANDARD UNCERTAINTY *	N
QM-B-Q2521	Blood	Antimony	5.77	µg/L	0.0854	23
		Barium	1.26	µg/L	0.0563	17
		Bismuth	17.0	µg/L	0.230	20
		Cadmium	7.76	µg/L	0.0781	51
		Cesium	9.49	µg/L	0.257	10
		Chromium	1.42	µg/L	0.0536	36
		Cobalt	3.36	µg/L	0.0488	44
		Manganese	14.7	µg/L	0.292	42
		Mercury	18.7	µg/L	0.441	44
		Molybdenum	8.62	µg/L	0.132	35
		Nickel	6.18	µg/L	0.159	30
		Platinum	1.94	µg/L	0.0463	11
		Silver	1.37	µg/L	0.0380	19
		Strontium	12.7	µg/L	0.364	19
		Tellurium	9.52	µg/L	0.200	13
		Thallium	4.64	µg/L	0.0795	35
		Thorium	2.70	µg/L	0.133	8
		Tin	23.7	µg/L	0.474	22
		Titanium	24.8	µg/L	1.30	12
		Total arsenic	2.01	µg/L	0.0578	43
		Uranium	0.400	µg/L	0.0127	12
		Vanadium	1.74	µg/L	0.0444	18
	Blood	Aluminum	134	µg/L	4.07	20
		Beryllium	3.42	µg/L	0.150	19
		Copper	1500	µg/L	27.7	29
		Iodide	85.7	µg/L	1.14	13
		Lead	370	µg/L	4.08	56
		Selenium	306	µg/L	4.25	32
		Zinc	5440	µg/L	59.8	26

* 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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