



Centre de toxicologie / INSPQ

Biological Reference Material

- Evaluation Report -

QM-B-Q2211

Biological matrix : Blood

Date of publication :

Expiration date :

2027-03-07

MATERIAL NUMBER	Biological matrix	ANALYTE	ASSIGNED VALUE	UNIT	STANDARD UNCERTAINTY *	N
QM-B-Q2211	Blood	Aluminum	130	µg/L	4.57	20
	Blood	Antimony	1.35	µg/L	0.0260	28
	Blood	Total arsenic	14.8	µg/L	0.261	45
	Blood	Barium	3.98	µg/L	0.0861	18
	Blood	Beryllium	17.0	µg/L	0.367	20
	Blood	Bismuth	4.48	µg/L	0.0991	20
	Blood	Cadmium	12.4	µg/L	0.126	48
	Blood	Cesium	7.45	µg/L	0.195	10
	Blood	Chromium	2.29	µg/L	0.0967	31
	Blood	Cobalt	0.635	µg/L	0.0212	35
	Blood	Copper	1830	µg/L	31.1	29
	Blood	Iodide	51.8	µg/L	2.27	8
	Blood	Lead	478	µg/L	4.54	49
	Blood	Manganese	9.32	µg/L	0.294	37
	Blood	Mercury	5.56	µg/L	0.104	45
	Blood	Molybdenum	2.84	µg/L	0.0515	31
	Blood	Nickel	5.18	µg/L	0.116	27
	Blood	Platinum	4.03	µg/L	0.124	17
	Blood	Selenium	173	µg/L	2.77	34
	Blood	Silver	4.30	µg/L	0.0542	25
	Blood	Strontium	12.9	µg/L	0.239	20
	Blood	Tellurium	3.13	µg/L	0.135	11
	Blood	Thallium	0.986	µg/L	0.0165	33
	Blood	Thorium	2.22	µg/L	0.0358	10
	Blood	Tin	12.1	µg/L	0.219	23
	Blood	Titanium	22.8	µg/L	0.489	9
	Blood	Uranium	0.0936	µg/L	0.00354	16
	Blood	Vanadium	21.5	µg/L	0.619	19
	Blood	Zinc	5410	µg/L	108	27

* 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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