



Centre de toxicologie / INSPQ

Biological Reference Material

- Evaluation Report -

QM-B-Q2412

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

MATERIAL NUMBER	Biological matrix	ANALYTE	ASSIGNED VALUE	UNIT	STANDARD UNCERTAINTY *	N
QM-B-Q2412	Blood	Antimony	1.82	µg/L	0.0371	25
		Barium	5.08	µg/L	0.102	19
		Bismuth	14.8	µg/L	0.158	22
		Cadmium	1.55	µg/L	0.0214	50
		Cesium	13.1	µg/L	0.226	10
		Chromium	1.04	µg/L	0.0523	30
		Cobalt	20.7	µg/L	0.222	43
		Manganese	7.67	µg/L	0.230	43
		Mercury	5.11	µg/L	0.102	45
		Molybdenum	11.7	µg/L	0.145	33
		Nickel	13.7	µg/L	0.166	27
		Platinum	1.29	µg/L	0.0462	14
		Silver	5.81	µg/L	0.0431	20
		Strontium	17.4	µg/L	0.369	20
		Tellurium	4.92	µg/L	0.177	15
		Thallium	2.92	µg/L	0.0440	36
		Thorium	4.31	µg/L	0.199	11
		Tin	8.50	µg/L	0.120	23
		Titanium	3.72	µg/L	0.549	6
		Total arsenic	4.23	µg/L	0.0707	44
		Uranium	0.772	µg/L	0.0256	15
		Vanadium	1.79	µg/L	0.0457	19
	Blood	Aluminum	73.6	µg/L	1.57	20
		Beryllium	10.4	µg/L	0.200	21
		Copper	1310	µg/L	23.0	31
		Iodide	104	µg/L	3.15	11
		Lead	146	µg/L	1.67	56
		Selenium	141	µg/L	2.26	36
		Zinc	5380	µg/L	64.6	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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