



Centre de toxicologie / INSPQ

Biological Reference Material

- Evaluation Report -

QM-B-Q2612

Biological matrix : Blood Date of publication : Expiration date : 2031-02-24

MATERIAL NUMBER	Biological matrix	ANALYTE	ASSIGNED VALUE	UNIT	STANDARD UNCERTAINTY *	N
QM-B-Q2612	Blood	Antimony	3.78	µg/L	0.0623	20
		Barium	4.75	µg/L	0.149	14
		Bismuth	4.30	µg/L	0.0743	17
		Cadmium	6.24	µg/L	0.0858	47
		Cesium	3.28	µg/L	0.0509	6
		Chromium	3.01	µg/L	0.102	33
		Cobalt	1.31	µg/L	0.0257	39
		Manganese	15.4	µg/L	0.252	39
		Mercury	20.8	µg/L	0.388	44
		Molybdenum	5.85	µg/L	0.129	32
		Nickel	3.76	µg/L	0.102	27
		Platinum	3.66	µg/L	0.101	11
		Silver	2.76	µg/L	0.0711	18
		Strontium	12.6	µg/L	0.155	16
		Tellurium	9.88	µg/L	0.187	11
		Thallium	2.23	µg/L	0.0332	30
		Thorium	3.54	µg/L	0.258	6
		Tin	9.82	µg/L	0.277	20
		Titanium	13.6	µg/L	0.627	11
		Total arsenic	8.48	µg/L	0.136	42
		Uranium	0.254	µg/L	0.00826	11
		Vanadium	0.128	µg/L	0.0189	14
	Blood	Aluminum	104	µg/L	3.37	16
		Beryllium	5.15	µg/L	0.115	16
		Copper	1360	µg/L	18.5	31
		Iodide	78.8	µg/L	1.81	10
		Lead	278	µg/L	2.49	54
		Selenium	282	µg/L	5.32	30
		Zinc	7780	µg/L	116	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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