



Centre de toxicologie / INSPQ

Biological Reference Material

- Evaluation Report -

QM-B-Q2403

Biological matrix : Blood Date of publication : 2028-10-24
Expiration date :

MATERIAL NUMBER	Biological matrix	ANALYTE	ASSIGNED VALUE	UNIT	STANDARD UNCERTAINTY *	N
QM-B-Q2403	Blood	Antimony	16.0	µg/L	0.266	24
		Barium	1.10	µg/L	0.0221	14
		Bismuth	8.90	µg/L	0.198	19
		Cadmium	2.86	µg/L	0.0387	48
		Cesium	5.58	µg/L	0.138	10
		Chromium	2.71	µg/L	0.0524	31
		Cobalt	1.19	µg/L	0.0231	41
		Manganese	12.2	µg/L	0.188	38
		Mercury	31.2	µg/L	0.620	41
		Molybdenum	4.62	µg/L	0.0883	33
		Nickel	2.90	µg/L	0.106	26
		Platinum	0.643	µg/L	0.0601	12
		Silver	2.75	µg/L	0.0911	18
		Strontium	10.9	µg/L	0.287	18
		Tellurium	3.85	µg/L	0.224	13
		Thallium	0.431	µg/L	0.00888	33
		Thorium	1.65	µg/L	0.0854	11
		Tin	1.88	µg/L	0.300	19
		Titanium	8.22	µg/L	0.199	6
		Total arsenic	11.9	µg/L	0.202	46
		Uranium	0.533	µg/L	0.0221	14
		Vanadium	2.19	µg/L	0.0759	15
	Blood	Aluminum	94.7	µg/L	2.40	19
		Beryllium	6.99	µg/L	0.207	21
		Copper	1080	µg/L	15.3	31
		Iodide	88.3	µg/L	1.85	8
		Lead	693	µg/L	8.08	55
		Selenium	290	µg/L	4.83	35
		Zinc	11100	µg/L	143	31

* 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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Centre de toxicologie / INSPQ | 945, ave. Wolfe | Québec (Québec) G1V 5B3 | Canada
Tél. : (418) 650-5115, poste 4254 | Fax : (418) 654-2148 | Courriel : ctq@inspq.qc.ca | Site Web : www.inspq.qc.ca/ctq
Magasin virtuel : www.inspq.qc.ca/ctq/vente | Virtual store/reference material : www.inspq.qc.ca/ctq/sales