



Centre de toxicologie / INSPQ

Biological Reference Material

- Evaluation Report -

QM-B-Q2610

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

MATERIAL NUMBER	Biological matrix	ANALYTE	ASSIGNED VALUE	UNIT	STANDARD UNCERTAINTY *	N
QM-B-Q2610	Blood	Antimony	2.37	µg/L	0.0549	20
		Barium	1.65	µg/L	0.0747	12
		Bismuth	20.9	µg/L	0.258	17
		Cadmium	7.32	µg/L	0.0847	47
		Cesium	5.83	µg/L	0.222	6
		Chromium	2.11	µg/L	0.0869	32
		Cobalt	26.2	µg/L	0.366	40
		Manganese	13.5	µg/L	0.196	39
		Mercury	6.53	µg/L	0.113	44
		Molybdenum	8.93	µg/L	0.179	32
		Nickel	5.46	µg/L	0.152	27
		Platinum	0.379	µg/L	0.0134	10
		Silver	1.35	µg/L	0.0339	16
		Strontium	42.6	µg/L	0.629	16
		Tellurium	7.55	µg/L	0.199	11
		Thallium	2.85	µg/L	0.0389	30
		Thorium	1.40	µg/L	0.110	6
		Tin	7.35	µg/L	0.216	20
		Titanium	9.44	µg/L	0.658	10
		Total arsenic	2.63	µg/L	0.0584	41
		Uranium	0.465	µg/L	0.00714	11
		Vanadium	0.422	µg/L	0.0158	16
	Blood	Aluminum	64.1	µg/L	2.74	16
		Beryllium	8.89	µg/L	0.289	16
		Copper	694	µg/L	9.16	31
		Iodide	54.4	µg/L	0.921	10
		Lead	83.6	µg/L	0.833	53
		Selenium	132	µg/L	2.22	30
		Zinc	5380	µg/L	89.0	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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