



Centre de toxicologie / INSPQ

# Biological Reference Material

## - Evaluation Report -

**QM-B-Q2603**

Biological matrix : Blood

Date of publication :  
Expiration date : 2030-11-20

MATERIAL NUMBER	Biological matrix	ANALYTE	ASSIGNED VALUE	UNIT	STANDARD UNCERTAINTY *	N
QM-B-Q2603	Blood	Antimony	0.425	µg/L	0.0220	19
		Barium	2.56	µg/L	0.0783	15
		Bismuth	0.295	µg/L	0.0128	16
		Cadmium	0.787	µg/L	0.0195	46
		Cesium	2.10	µg/L	0.0539	9
		Chromium	2.95	µg/L	0.0512	33
		Cobalt	0.592	µg/L	0.0123	39
		Manganese	8.03	µg/L	0.200	39
		Mercury	10.9	µg/L	0.182	45
		Molybdenum	1.43	µg/L	0.0354	31
		Nickel	2.33	µg/L	0.0560	27
		Platinum	0.221	µg/L	0.00844	11
		Silver	0.393	µg/L	0.0301	13
		Strontium	19.9	µg/L	0.263	17
		Tellurium	2.56	µg/L	0.0568	13
		Thallium	0.369	µg/L	0.0102	30
		Thorium	0.494	µg/L	0.0225	8
		Tin	0.861	µg/L	0.0435	19
		Titanium	2.84	µg/L	0.402	9
		Total arsenic	2.73	µg/L	0.0725	42
	Uranium	0.102	µg/L	0.00499	11	
	Vanadium	0.239	µg/L	0.0147	17	
	Blood	Aluminum	72.0	µg/L	3.43	18
		Beryllium	3.20	µg/L	0.0815	18
		Copper	695	µg/L	13.4	30
		Iodide	63.9	µg/L	2.38	12
		Lead	14.4	µg/L	0.172	54
Selenium		169	µg/L	3.23	33	
Zinc		5270	µg/L	77.4	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.



Centre de toxicologie / INSPQ

# Biological Reference Material

## - Evaluation Report -

**QM-B-Q2603**

**Biological matrix :** Blood

**Date of publication :**

**Expiration date :** 2030-11-20

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](mailto:ctq@inspq.qc.ca) | Site Web : [www.inspq.qc.ca/ctq](http://www.inspq.qc.ca/ctq)  
Magasin virtuel : [www.inspq.qc.ca/ctq/vente](http://www.inspq.qc.ca/ctq/vente) | Virtual store/reference material : [www.inspq.qc.ca/ctq/sales](http://www.inspq.qc.ca/ctq/sales)