



Centre de toxicologie / INSPQ

# Biological Reference Material

## - Evaluation Report -

**QM-U-Q2606**

Biological matrix : Urine

Date of publication :  
Expiration date : 2030-12-01

MATERIAL NUMBER	Biological matrix	ANALYTE	ASSIGNED VALUE	UNIT	STANDARD UNCERTAINTY *	N
QM-U-Q2606	Urine	Antimony	3.99	µg/L	0.0681	27
		Barium	16.6	µg/L	0.352	27
		Bismuth	39.5	µg/L	0.584	22
		Cadmium	1.48	µg/L	0.0269	37
		Cesium	5.90	µg/L	0.0909	11
		Chromium	21.4	µg/L	0.408	35
		Cobalt	10.1	µg/L	0.165	37
		Manganese	5.24	µg/L	0.122	33
		Mercury	98.0	µg/L	3.07	35
		Molybdenum	55.1	µg/L	0.838	29
		Nickel	21.7	µg/L	0.351	43
		Platinum	2.70	µg/L	0.0637	18
		Silver	2.92	µg/L	0.295	12
		Strontium	222	µg/L	4.68	17
		Tellurium	3.32	µg/L	0.148	14
		Thallium	31.9	µg/L	0.332	33
		Thorium	0.332	µg/L	0.0110	10
		Tin	108	µg/L	1.65	27
		Titanium	9.59	µg/L	0.199	13
		Uranium	1.70	µg/L	0.0286	25
	Vanadium	18.6	µg/L	0.407	27	
	Urine	Aluminum	167	µg/L	3.23	34
		Arsenic Arsenobetaine	5.22	µg/L	0.0481	5
		Arsenic As+3	41.1	µg/L	3.04	6
		Arsenic As+5	1.75	µg/L	0.386	5
		Arsenic DMAA	0.842	µg/L	0.101	5
Arsenic sum As+3 As+5		40.9	µg/L	0.927	6	
Beryllium		8.36	µg/L	0.151	29	
Boron		4390	µg/L	167	10	
Copper		28.6	µg/L	0.525	38	
Inorganic arsenic		40.9	µg/L	0.609	8	
Iodide	146	µg/L	1.97	26		



Centre de toxicologie / INSPQ

# Biological Reference Material

## - Evaluation Report -

**QM-U-Q2606**

Biological matrix : Urine

Date of publication :

Expiration date :

2030-12-01

MATERIAL NUMBER	Biological matrix	ANALYTE	ASSIGNED VALUE	UNIT	STANDARD UNCERTAINTY *	N
QM-U-Q2606	Urine	Lead	73.9	µg/L	1.10	39
		Lithium	55.3	µg/L	0.845	15
		Selenium	200	µg/L	3.77	29
		Total arsenic	46.9	µg/L	0.684	41
		Zinc	419	µg/L	6.26	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 | 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