



Centre de toxicologie / INSPQ

Biological Reference Material

- Evaluation Report -

QM-H-Q2409

Biological matrix : Hair

Date of publication :

Expiration date :

2028-01-01

MATERIAL NUMBER	Biological matrix	ANALYTE	ASSIGNED VALUE	UNIT	STANDARD UNCERTAINTY *	N
QM-H-Q2409	Hair	Aluminum	84.3	µg/g	2.78	22
		Antimony	0.779	µg/g	0.0260	20
		Barium	1.82	µg/g	0.112	20
		Bismuth	2.44	µg/g	0.0658	16
		Cadmium	4.08	µg/g	0.0912	27
		Chromium	5.21	µg/g	0.0903	27
		Cobalt	2.40	µg/g	0.0449	24
		Manganese	3.45	µg/g	0.0690	25
		Mercury	2.34	µg/g	0.0634	32
		Molybdenum	0.648	µg/g	0.0169	22
		Nickel	3.34	µg/g	0.0843	23
		Platinum	0.159	µg/g	0.00498	11
		Silver	14.8	µg/g	0.378	16
		Tellurium	0.933	µg/g	0.0656	8
		Thallium	0.228	µg/g	0.00574	22
		Thorium	3.04	µg/g	0.235	11
		Tin	3.63	µg/g	0.274	17
		Total arsenic	1.36	µg/g	0.0253	28
		Uranium	0.0389	µg/g	0.00183	17
		Vanadium	0.583	µg/g	0.0223	21
	Hair	Beryllium	0.334	µg/g	0.0110	19
		Copper	124	µg/g	2.49	24
		Iodide	2.81	µg/g	0.457	8
		Lead	5.10	µg/g	0.115	27
		Selenium	4.65	µg/g	0.170	23
		Zinc	424	µg/g	14.3	23

* Standard uncertainty (µx): characteristic of the dispersion of results used to calculate the assigned value; expressed in the same format as the standard deviation.