



Centre de toxicologie / INSPQ

Biological Reference Material

- Evaluation Report -

QM-H-Q2609

Biological matrix : Hair

Date of publication :
Expiration date : 2030-10-29

MATERIAL NUMBER	Biological matrix	ANALYTE	ASSIGNED VALUE	UNIT	STANDARD UNCERTAINTY *	N
QM-H-Q2609	Hair	Aluminum	27.1	µg/g	1.04	21
		Antimony	1.98	µg/g	0.0502	18
		Barium	4.33	µg/g	0.0800	19
		Bismuth	1.17	µg/g	0.0242	14
		Cadmium	2.40	µg/g	0.0480	24
		Chromium	0.773	µg/g	0.0597	24
		Cobalt	1.74	µg/g	0.0326	22
		Manganese	1.01	µg/g	0.0240	22
		Mercury	4.89	µg/g	0.116	29
		Molybdenum	0.729	µg/g	0.0150	19
		Nickel	2.68	µg/g	0.0668	20
		Platinum	0.451	µg/g	0.0104	10
		Silver	1.49	µg/g	0.0634	15
		Tellurium	0.718	µg/g	0.0499	8
		Thallium	0.374	µg/g	0.00728	18
		Thorium	3.66	µg/g	0.363	8
		Tin	10.2	µg/g	0.851	16
		Total arsenic	0.477	µg/g	0.0146	25
		Uranium	0.173	µg/g	0.00327	14
	Vanadium	1.29	µg/g	0.0207	18	
	Hair	Beryllium	0.353	µg/g	0.00857	17
		Copper	50.3	µg/g	0.896	21
		Iodide	2.70	µg/g	0.137	9
Lead		6.58	µg/g	0.103	24	
Selenium		1.62	µg/g	0.0805	21	
Zinc		252	µg/g	5.25	20	

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