



Centre de toxicologie / INSPQ

Biological Reference Material

- Evaluation Report -

QM-H-Q2527

Biological matrix : Hair

Date of publication :

Expiration date :

MATERIAL NUMBER	Biological matrix	ANALYTE	ASSIGNED VALUE	UNIT	STANDARD UNCERTAINTY *	N
QM-H-Q2527	Hair	Aluminum	45.9	µg/g	1.21	19
		Antimony	0.528	µg/g	0.0164	30
		Barium	3.13	µg/g	0.0499	17
		Bismuth	0.370	µg/g	0.0105	12
		Cadmium	0.154	µg/g	0.00454	21
		Chromium	3.02	µg/g	0.0627	21
		Cobalt	0.500	µg/g	0.00896	19
		Manganese	2.89	µg/g	0.0482	21
		Mercury	0.473	µg/g	0.0208	22
		Molybdenum	0.0629	µg/g	0.00471	16
		Nickel	2.91	µg/g	0.0560	20
		Platinum	0.0471	µg/g	0.00215	9
		Silver	2.71	µg/g	0.0713	14
		Tellurium	0.141	µg/g	0.0158	5
		Thallium	0.0223	µg/g	0.000581	15
		Thorium	1.23	µg/g	0.136	8
		Tin	10.7	µg/g	0.437	14
		Total arsenic	0.0642	µg/g	0.00307	22
		Uranium	0.0579	µg/g	0.00129	15
	Vanadium	0.235	µg/g	0.00725	17	
	Hair	Beryllium	0.0342	µg/g	0.00109	15
		Copper	67.8	µg/g	1.44	20
		Iodide	4.08	µg/g	0.371	8
Lead		2.52	µg/g	0.0955	21	
Selenium		0.901	µg/g	0.0351	18	
Zinc		296	µg/g	7.22	17	

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