



Centre de toxicologie / INSPQ

Biological Reference Material

- Evaluation Report -

QM-H-Q2427

Biological matrix : Hair

Date of publication :
Expiration date : 2028-01-01

MATERIAL NUMBER	Biological matrix	ANALYTE	ASSIGNED VALUE	UNIT	STANDARD UNCERTAINTY *	N
QM-H-Q2427	Hair	Aluminum	50.0	µg/g	1.49	23
		Antimony	0.354	µg/g	0.0155	21
		Barium	2.23	µg/g	0.0336	21
		Bismuth	0.203	µg/g	0.00698	15
		Cadmium	0.182	µg/g	0.00542	26
		Chromium	2.44	µg/g	0.0648	25
		Cobalt	0.255	µg/g	0.00594	23
		Manganese	0.538	µg/g	0.0144	23
		Mercury	7.07	µg/g	0.220	32
		Molybdenum	0.235	µg/g	0.00769	21
		Nickel	1.82	µg/g	0.0449	23
		Platinum	0.0740	µg/g	0.00260	11
		Silver	1.53	µg/g	0.0329	17
		Tellurium	0.663	µg/g	0.0327	7
		Thallium	0.155	µg/g	0.00467	21
		Thorium	2.18	µg/g	0.114	12
		Tin	2.53	µg/g	0.108	18
		Total arsenic	0.266	µg/g	0.0101	25
		Uranium	0.666	µg/g	0.0119	16
	Vanadium	0.658	µg/g	0.0189	20	
	Hair	Beryllium	0.0658	µg/g	0.00318	19
		Copper	25.3	µg/g	0.724	23
Iodide		7.37	µg/g	0.926	10	
Lead		13.8	µg/g	0.295	26	
Selenium		0.825	µg/g	0.0378	23	
Zinc		431	µg/g	14.7	22	

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