



Centre de toxicologie / INSPQ

Biological Reference Material

- Evaluation Report -

QM-H-Q2018

Biological matrix : Hair

Date of publication :

Expiration date :

2025-03-16

MATERIAL NUMBER	Biological matrix	ANALYTE	ASSIGNED VALUE	UNIT	STANDARD UNCERTAINTY *	N
QM-H-Q2018	Hair	Aluminum	42.2	µg/g	0.434	20
	Hair	Antimony	1.04	µg/g	0.0270	18
	Hair	Total arsenic	0.343	µg/g	0.0129	21
	Hair	Barium	2.62	µg/g	0.0720	18
	Hair	Beryllium	0.466	µg/g	0.0114	16
	Hair	Bismuth	3.36	µg/g	0.0867	16
	Hair	Cadmium	0.591	µg/g	0.0131	24
	Hair	Chromium	0.972	µg/g	0.0862	23
	Hair	Cobalt	1.97	µg/g	0.0318	22
	Hair	Copper	24.7	µg/g	0.822	21
	Hair	Iodide	4.69	µg/g	0.384	8
	Hair	Lead	2.64	µg/g	0.0852	24
	Hair	Manganese	0.526	µg/g	0.0167	22
	Hair	Mercury	1.10	µg/g	0.0390	28
	Hair	Molybdenum	0.581	µg/g	0.00973	19
	Hair	Nickel	2.56	µg/g	0.0763	20
	Hair	Platinum	0.167	µg/g	0.00278	16
	Hair	Selenium	1.16	µg/g	0.0632	19
	Hair	Silver	1.04	µg/g	0.0429	11
	Hair	Tellurium	0.664	µg/g	0.0326	9
	Hair	Thallium	0.234	µg/g	0.00586	18
	Hair	Thorium	2.59	µg/g	0.119	13
	Hair	Tin	5.80	µg/g	0.391	15
	Hair	Uranium	0.572	µg/g	0.0175	16
	Hair	Vanadium	0.810	µg/g	0.00887	17
	Hair	Zinc	343	µg/g	10.2	21

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