



Centre de toxicologie / INSPQ

Biological Reference Material

- Evaluation Report -

QM-H-Q2209

Biological matrix : Hair

Date of publication :

Expiration date :

2026-10-28

MATERIAL NUMBER	Biological matrix	ANALYTE	ASSIGNED VALUE	UNIT	STANDARD UNCERTAINTY *	N
QM-H-Q2209	Hair	Aluminum	14.7	µg/g	1.06	18
	Hair	Antimony	0.0476	µg/g	0.00807	16
	Hair	Total arsenic	0.0107	µg/g	0.00110	16
	Hair	Barium	1.80	µg/g	0.0420	20
	Hair	Beryllium	0.00193	µg/g	0.000394	9
	Hair	Bismuth	0.0115	µg/g	0.000580	13
	Hair	Cadmium	0.138	µg/g	0.00336	25
	Hair	Chromium	0.173	µg/g	0.0187	21
	Hair	Cobalt	0.719	µg/g	0.0117	22
	Hair	Copper	27.2	µg/g	0.652	21
	Hair	Iodide	1.03	µg/g	0.0649	7
	Hair	Lead	0.277	µg/g	0.00804	26
	Hair	Manganese	1.01	µg/g	0.0289	24
	Hair	Mercury	0.352	µg/g	0.0126	29
	Hair	Molybdenum	0.0308	µg/g	0.00207	17
	Hair	Nickel	1.27	µg/g	0.0376	21
	Hair	Platinum	0.000876	µg/g	0.000197	8
	Hair	Selenium	0.501	µg/g	0.0210	20
	Hair	Silver	0.309	µg/g	0.00841	18
	Hair	Tellurium	0.00548	µg/g	0.00366	4
	Hair	Thallium	0.000707	µg/g	0.000343	8
	Hair	Thorium	0.00329	µg/g	0.000716	8
	Hair	Tin	1.70	µg/g	0.0455	12
	Hair	Uranium	0.0183	µg/g	0.000407	16
	Hair	Vanadium	0.0266	µg/g	0.000838	15
	Hair	Zinc	153	µg/g	3.07	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.