

Toxic & Essential Elements; Hair

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum (Al)	1.3	< 7.0	
Antimony (Sb)	0.023	< 0.066	
Arsenic (As)	0.045	< 0.080	
Barium (Ba)	0.11	< 1.0	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	0.44	< 2.0	
Cadmium (Cd)	< 0.009	< 0.065	
Lead (Pb)	0.08	< 0.80	
Mercury (Hg)	0.24	< 0.80	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	< 0.001	< 0.002	
Thorium (Th)	< 0.001	< 0.002	
Uranium (U)	0.006	< 0.060	
Nickel (Ni)	0.06	< 0.20	
Silver (Ag)	< 0.006	< 0.08	
Tin (Sn)	0.03	< 0.30	
Titanium (Ti)	0.16	< 0.60	
Total Toxic Representation			

ESSENTIAL AND OTHER ELEMENTS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 2.5 th 16 th 50 th 84 th 97.5 th
Calcium (Ca)	238	200- 750	
Magnesium (Mg)	25	25- 75	
Sodium (Na)	13	20- 180	
Potassium (K)	10	9- 80	
Copper (Cu)	12	11- 30	
Zinc (Zn)	190	130- 200	
Manganese (Mn)	0.04	0.08- 0.50	
Chromium (Cr)	0.32	0.40- 0.70	
Vanadium (V)	0.025	0.018- 0.065	
Molybdenum (Mo)	0.021	0.025- 0.060	
Boron (B)	0.15	0.40- 3.0	
Iodine (I)	0.09	0.25- 1.8	
Lithium (Li)	< 0.004	0.007- 0.020	
Phosphorus (P)	189	150- 220	
Selenium (Se)	0.58	0.70- 1.2	
Strontium (Sr)	0.10	0.30- 3.5	
Sulfur (S)	46700	44000- 50000	
Cobalt (Co)	< 0.002	0.004- 0.020	
Iron (Fe)	5.9	7.0- 16	
Germanium (Ge)	0.039	0.030- 0.040	
Rubidium (Rb)	0.008	0.011- 0.12	
Zirconium (Zr)	0.044	0.020- 0.44	

SPECIMEN DATA		RATIOS		
COMMENTS:		ELEMENTS	RATIOS	RANGE
Date Collected: 03/27/2015	Sample Size: 0.195 g	Ca/Mg	9.52	4- 30
Date Received: 04/11/2015	Sample Type: Head	Ca/P	1.26	0.8- 8
Date Completed: 04/14/2015	Hair Color: Brown	Na/K	1.3	0.5- 10
Methodology: ICP/MS	Treatment:	Zn/Cu	15.8	4- 20
	Shampoo:	Zn/Cd	> 999	> 800

Health history for hair test 1113

1) What are your current symptoms and health history?

Fibromyalgia, hypothyroidism, CFS, low glutathione, MCS and EHS. Some allergies and sinuses. Adrenals are having hard times at this moment.

2) Dental history (wisdom teeth removed? First root canal placed? Braces? First amalgam etc...)

Till 2011 amalgam fillings, in 2011 they were removed. Never had a root canal. I had for a long time Inflamed gums.

3) What dental work do you currently have in place? What part of the dental cleanup have you completed?

None yet.

4) What dentistry did your mother have at any time before or during pregnancy?

Unknown.

5) What vaccinations have you had and when (including flu and especially travel shots)?

Vaccination against DTP (diphtheria, tetanus and polio) and vaccination against hepatitis A (infectious jaundice).

And also Dengue.

6) Supplements and medications (including dosages) taken at time of hair test, or for the 3-6 months before the sample was taken.

Vitamin c and 3 weeks before some Adrenal Cortex. 1,5 month before some corticosteroids for sinuses.

7) Other information you feel may be relevant?

None.

8) What is your location - city & country (so that we can learn where certain toxins are more prevalent).

Country: The Netherlands

City: Nijmegen