



SEX: Male
AGE: 31=

Toxic & Essential Elements; Hair

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum (Al)	7.6	< 7.0	
Antimony (Sb)	< 0.01	< 0.066	
Arsenic (As)	0.077	< 0.080	
Barium (Ba)	0.34	< 1.0	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	0.006	< 2.0	
Cadmium (Cd)	0.034	< 0.065	
Lead (Pb)	1.4	< 0.80	
Mercury (Hg)	0.62	< 0.80	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	0.001	< 0.002	
Thorium (Th)	< 0.001	< 0.002	
Uranium (U)	0.054	< 0.060	
Nickel (Ni)	0.15	< 0.20	
Silver (Ag)	0.29	< 0.08	
Tin (Sn)	0.25	< 0.30	
Titanium (Ti)	0.14	< 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)	365	200- 750			
Magnesium (Mg)	30	25- 75			
Sodium (Na)	140	20- 180			
Potassium (K)	27	9- 80			
Copper (Cu)	4.9	11- 30			
Zinc (Zn)	1600	130- 200			
Manganese (Mn)	0.09	0.08- 0.50			
Chromium (Cr)	0.41	0.40- 0.70			
Vanadium (V)	0.034	0.018- 0.065			
Molybdenum (Mo)	0.036	0.025- 0.060			
Boron (B)	0.44	0.40- 3.0			
Iodine (I)	0.27	0.25- 1.8			
Lithium (Li)	0.005	0.007- 0.020			
Phosphorus (P)	154	150- 220			
Selenium (Se)	0.64	0.70- 1.2			
Strontium (Sr)	0.93	0.30- 3.5			
Sulfur (S)	49700	44000- 50000			
Cobalt (Co)	0.005	0.004- 0.020			
Iron (Fe)	7.7	7.0- 16			
Germanium (Ge)	0.037	0.030- 0.040			
Rubidium (Rb)	0.026	0.011- 0.12			
Zirconium (Zr)	0.055	0.020- 0.44			

SPECIMEN DATA		RATIOS	
COMMENTS:		ELEMENTS	RATIOS
Date Collected: 11/27/2014		Ca/Mg	12.2
Date Received: 01/05/2015		Ca/P	2.37
Date Completed: 01/06/2015		Na/K	5.19
Methodology: ICP/MS		Zn/Cu	327
Sample Size: 0.201 g	Sample Type: Head	Zn/Cd	> 999
Hair Color: Brown	Treatment:		
Shampoo: HS			
		RANGE	
		4- 30	
		0.8- 8	
		0.5- 10	
		4- 20	
		> 800	

1. What are your current symptoms and health history?

Chronic fatigue, inability to sleep/rest well, yeast infection, dry skin (hands), hair dandruff, blurred vision with occasional „black flash“, ringing in ears, mild chronic muscle and joint pain, brain fog and problems with concentration and memory, sometimes metallic taste in my mouth (disappeared after amalgam removal)

2. Dental history (Wisdom teeth removed and when? Any other extractions. First root canal placed? Braces? First amalgam etc...)

Wisdom teeth: one removed at the age of 15 together with its neighbour and one more 2 years ago.

Braces: yes, for approx. 6 years (at 10-16 years old)

Fillings: Have had 4 amalgams, all were placed between 13 – 18 years old.

3. What dental work do you currently have in place? What part of the dental clean-up have you completed?

All my amalgams were safely removed 4 months before the hair sample was taken.

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

My mother had many (~10) amalgams placed shortly before pregnancy (her teeth went bad after being pregnant with my older brother).

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

All common childhood vaccines + regular shots against encephalitis every 3 years since being 18.

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

No supplementation for 6 months before hair sample was taken

7. What is your age, height and weight?

31 years old, 5'11", 150lbs

8. Other information you feel may be relevant?

Drinking colloidal silver for approx. 3 months 2 years ago. Long time usage of anti-dandruff H&S shampoo. Eat fruits&veggies from our garden located to a lead recycling factory. Never took any regular supplementation except natural products and diet when trying to battle candida 1-2 years ago.

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

Prague, Czech republic