



SEX: Male
AGE: 16

Toxic & Essential Elements; Hair

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum (Al)	4.3	< 12	
Antimony (Sb)	0.019	< 0.080	
Arsenic (As)	0.061	< 0.12	
Barium (Ba)	0.12	< 0.75	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	0.047	< 2.0	
Cadmium (Cd)	< 0.009	< 0.065	
Lead (Pb)	0.41	< 1.5	
Mercury (Hg)	0.15	< 0.80	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	< 0.001	< 0.002	
Thorium (Th)	< 0.001	< 0.002	
Uranium (U)	0.083	< 0.060	
Nickel (Ni)	0.08	< 0.40	
Silver (Ag)	0.02	< 0.10	
Tin (Sn)	0.08	< 0.30	
Titanium (Ti)	0.31	< 0.70	
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)	210	375- 1100	
Magnesium (Mg)	19	28- 120	
Sodium (Na)	370	60- 400	
Potassium (K)	220	28- 160	
Copper (Cu)	11	11- 32	
Zinc (Zn)	160	120- 200	
Manganese (Mn)	0.11	0.15- 0.65	
Chromium (Cr)	0.44	0.40- 0.70	
Vanadium (V)	0.025	0.018- 0.065	
Molybdenum (Mo)	0.072	0.040- 0.080	
Boron (B)	2.9	0.40- 2.5	
Iodine (I)	0.40	0.25- 1.8	
Lithium (Li)	0.010	0.008- 0.030	
Phosphorus (P)	232	200- 300	
Selenium (Se)	1.2	0.80- 1.3	
Strontium (Sr)	0.87	1.0- 6.0	
Sulfur (S)	43000	41000- 47000	
Cobalt (Co)	0.013	0.006- 0.035	
Iron (Fe)	7.2	7.0- 16	
Germanium (Ge)	0.032	0.030- 0.040	
Rubidium (Rb)	0.25	0.030- 0.25	
Zirconium (Zr)	1.2	0.040- 1.0	

SPECIMEN DATA		RATIOS	
COMMENTS:		ELEMENTS	RATIOS
Date Collected: 11/02/2014		Ca/Mg	11.1
Date Received: 11/17/2014		Ca/P	0.905
Date Completed: 11/20/2014		Na/K	1.68
Methodology: ICP/MS		Zn/Cu	14.5
Sample Size: 0.2 g	Sample Type: Pubic	Zn/Cd	> 999
Hair Color: Brown	Treatment:		
Shampoo:			
		RANGE	
		4- 30	
		0.8- 8	
		0.5- 10	
		4- 20	
		> 800	

1. What are your current symptoms and health history?

Fatigue, vision problems from a young age, chronic sinus infections, skin problems, cancer sores, bleeding gums, brain fog, stress intolerant.

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

I have my wisdom teeth. A front tooth was broken in 2nd grade, but was able to be saved. It later required a root canal. I had braces in 4th and 5th grade. I never had amalgams.

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

A root canal, placed about 6 years ago. I was assured there would be no mercury when the root canal work was done.

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

My mother had 4 amalgam fillings, and was exposed to lead and various chemicals/toxins at her job while pregnant. I was breast fed for 5-1/2 months.

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

All required childhood vaccines.

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, probiotic, Lysine, zinc

7. What is your age, height and weight?

24 years old, 6ft, and 175 lbs

8. Other information you feel may be relevant?

Hair test 1006 is my mother's.

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

Near Fort Wayne, IN.