



SEX: Female
AGE: 4

Toxic & Essential Elements; Hair

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum (Al)	8.7	< 8.0	
Antimony (Sb)	0.19	< 0.066	
Arsenic (As)	0.054	< 0.080	
Barium (Ba)	0.48	< 0.75	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	0.020	< 2.0	
Cadmium (Cd)	0.081	< 0.070	
Lead (Pb)	0.41	< 1.0	
Mercury (Hg)	0.33	< 0.40	
Platinum (Pt)	0.004	< 0.005	
Thallium (Tl)	< 0.001	< 0.002	
Thorium (Th)	< 0.001	< 0.002	
Uranium (U)	0.003	< 0.060	
Nickel (Ni)	0.23	< 0.30	
Silver (Ag)	0.29	< 0.20	
Tin (Sn)	1.1	< 0.30	
Titanium (Ti)	1.1	< 0.90	
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)	282	140- 500					
Magnesium (Mg)	15	15- 45					
Sodium (Na)	31	18- 180					
Potassium (K)	63	10- 150					
Copper (Cu)	10	11- 24					
Zinc (Zn)	88	100- 190					
Manganese (Mn)	0.37	0.10- 0.50					
Chromium (Cr)	0.70	0.43- 0.70					
Vanadium (V)	0.061	0.030- 0.10					
Molybdenum (Mo)	0.085	0.050- 0.13					
Boron (B)	4.4	0.40- 3.5					
Iodine (I)	3.4	0.25- 1.3					
Lithium (Li)	0.005	0.007- 0.020					
Phosphorus (P)	139	150- 220					
Selenium (Se)	0.73	0.70- 1.1					
Strontium (Sr)	0.43	0.19- 2.0					
Sulfur (S)	46400	45500- 53000					
Cobalt (Co)	0.019	0.005- 0.030					
Iron (Fe)	14	7.0- 16					
Germanium (Ge)	0.034	0.030- 0.040					
Rubidium (Rb)	0.090	0.012- 0.16					
Zirconium (Zr)	1.6	0.030- 1.0					

SPECIMEN DATA		RATIOS		
COMMENTS: Results checked.		ELEMENTS	RATIOS	RANGE
Date Collected: 06/19/2013	Sample Size: 0.171 g	Ca/Mg	18.8	4- 30
Date Received: 06/25/2013	Sample Type: Head	Ca/P	2.03	1- 12
Date Completed: 06/27/2013	Hair Color:	Na/K	0.492	0.5- 10
Methodology: ICP/MS	Treatment:	Zn/Cu	8.8	4- 20
	Shampoo: Clairol	Zn/Cd	> 999	> 800

Health history for hair test 804

1. What are your current symptoms and health history?

Sensory Processing Disorder/ADHD/Mood Issues/Neutransmitter Imbalances/Slow Metabolism/
Gross and Fine Motor Skills Delays/Digestive Problems

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

None

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

None

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

Unknown maternal history

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

3 rounds of DPT, 3 rounds of HiB, 3 rounds of Polio and 3 rounds of Hep B at
6 weeks old, 10 weeks old, and 15 weeks old.

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

None except Gaba

7. What is your age, height and weight?

4 years old, FEMALE (Test states male), 40 inches, 37 pounds