



HAIR TEST 1123  
SEX: Female  
AGE: 33

*Toxic & Essential Elements; Hair*

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 <sup>th</sup> 95 <sup>th</sup>
Aluminum (Al)	6.4	< 7.0	
Antimony (Sb)	< 0.01	< 0.050	
Arsenic (As)	0.010	< 0.060	
Barium (Ba)	0.78	< 2.0	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	1.0	< 2.0	
Cadmium (Cd)	0.019	< 0.050	
Lead (Pb)	0.06	< 0.60	
Mercury (Hg)	0.12	< 0.80	
Platinum (Pt)	0.003	< 0.005	
Thallium (Tl)	< 0.001	< 0.002	
Thorium (Th)	< 0.001	< 0.002	
Uranium (U)	0.031	< 0.060	
Nickel (Ni)	0.11	< 0.30	
Silver (Ag)	0.01	< 0.15	
Tin (Sn)	0.57	< 0.30	
Titanium (Ti)	0.41	< 0.70	
Total Toxic Representation			

ESSENTIAL AND OTHER ELEMENTS					
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 2.5 <sup>th</sup> 16 <sup>th</sup> 50 <sup>th</sup> 84 <sup>th</sup> 97.5 <sup>th</sup>		
Calcium (Ca)	756	300- 1200			
Magnesium (Mg)	62	35- 120			
Sodium (Na)	35	20- 250			
Potassium (K)	18	8- 75			
Copper (Cu)	12	11- 37			
Zinc (Zn)	200	140- 220			
Manganese (Mn)	0.26	0.08- 0.60			
Chromium (Cr)	0.39	0.40- 0.65			
Vanadium (V)	0.020	0.018- 0.065			
Molybdenum (Mo)	0.036	0.020- 0.050			
Boron (B)	0.11	0.25- 1.5			
Iodine (I)	0.30	0.25- 1.8			
Lithium (Li)	0.005	0.007- 0.020			
Phosphorus (P)	147	150- 220			
Selenium (Se)	0.59	0.55- 1.1			
Strontium (Sr)	2.0	0.50- 7.6			
Sulfur (S)	48700	44000- 50000			
Cobalt (Co)	0.009	0.005- 0.040			
Iron (Fe)	7.0	7.0- 16			
Germanium (Ge)	0.030	0.030- 0.040			
Rubidium (Rb)	0.015	0.007- 0.096			
Zirconium (Zr)	0.017	0.020- 0.42			

SPECIMEN DATA		RATIOS	
<b>COMMENTS:</b>		<b>ELEMENTS</b>	<b>RATIOS</b>
Date Collected: 09/14/2015		Ca/Mg	12.2
Date Received: 09/17/2015		Ca/P	5.14
Date Completed: 09/19/2015		Na/K	1.94
Methodology: ICP/MS		Zn/Cu	16.7
Sample Size: 0.196 g	Sample Type: Head	Zn/Cd	> 999
Hair Color: Brown	Treatment:		
Shampoo: Suave			
		<b>RANGE</b>	
		4- 30	
		1- 12	
		0.5- 10	
		4- 20	
		> 800	

### **Health history for hair test 1123**

- **What are your current symptoms and health history?** I have 2 children with Mercury toxicity. I suffer from OCD, dry, peeling skin, hypochondria, insomnia, candida, food allergies, depression, achey joints, sensitivity to noise and touch, twitching especially in eye lids, always tired, and arthritis
- **Dental history (Wisdom teeth removed and when? Any other extractions. First root canal placed? Braces? First amalgam etc...)** none
- **What dental work do you currently have in place? What part of the dental clean-up have you completed?** None
- **What dentistry did your mother have at any time before or during pregnancy?** None
- **What vaccinations have you had and when (including flu and especially travel shots)?** all childhood vaccines. Had measles rash reaction to vaccine.
- **Supplements and medications (including dosages) taken at time of hair test, or for the 3-6 months before the sample was taken?** None except probiotics.
- **What is your age, height and weight?** 33, 5'3, and 135 pounds.
- **Other information you feel may be relevant?** I have a daughter with autism and ADHD. I suspected i too may have some issues. I do vaguely recall breaking and playing with a Mercury thermometer as a child. No other exposures I can pinpoint. My symptoms got real bad once I reached puberty and have continued to get worse. My 2 daughters hair test numbers are 735, and 882.
- **What is your location – city & country (so that we can learn where certain toxins are more prevalent).** Trenton, Mi USA