



HAIR TEST: 1333  
SEX: Female  
AGE: 37

*Toxic & Essential Elements; Hair*

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 <sup>th</sup> 95 <sup>th</sup>
Aluminum (Al)	10	< 7.0	
Antimony (Sb)	< 0.01	< 0.050	
Arsenic (As)	0.047	< 0.060	
Barium (Ba)	0.40	< 2.0	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	< 0.002	< 2.0	
Cadmium (Cd)	< 0.009	< 0.050	
Lead (Pb)	0.03	< 0.60	
Mercury (Hg)	0.59	< 0.80	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	< 0.001	< 0.002	
Thorium (Th)	< 0.001	< 0.002	
Uranium (U)	0.001	< 0.060	
Nickel (Ni)	0.03	< 0.30	
Silver (Ag)	0.01	< 0.15	
Tin (Sn)	0.03	< 0.30	
Titanium (Ti)	0.30	< 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)	257	300- 1200			
Magnesium (Mg)	26	35- 120			
Sodium (Na)	13	20- 250			
Potassium (K)	15	8- 75			
Copper (Cu)	8.7	11- 37			
Zinc (Zn)	180	140- 220			
Manganese (Mn)	0.09	0.08- 0.60			
Chromium (Cr)	0.37	0.40- 0.65			
Vanadium (V)	0.011	0.018- 0.065			
Molybdenum (Mo)	0.049	0.020- 0.050			
Boron (B)	0.45	0.25- 1.5			
Iodine (I)	2.9	0.25- 1.8			
Lithium (Li)	< 0.004	0.007- 0.020			
Phosphorus (P)	184	150- 220			
Selenium (Se)	0.72	0.55- 1.1			
Strontium (Sr)	0.52	0.50- 7.6			
Sulfur (S)	45600	44000- 50000			
Cobalt (Co)	0.003	0.005- 0.040			
Iron (Fe)	7.0	7.0- 16			
Germanium (Ge)	0.033	0.030- 0.040			
Rubidium (Rb)	0.031	0.007- 0.096			
Zirconium (Zr)	0.023	0.020- 0.42			

SPECIMEN DATA		RATIOS	
<b>COMMENTS:</b>		<b>ELEMENTS</b>	<b>RATIOS</b>
Date Collected: 03/11/2017	Sample Size: 0.199 g	Ca/Mg	9.88
Date Received: 03/16/2017	Sample Type: Head	Ca/P	1.4
Date Completed: 03/20/2017	Hair Color: Brown	Na/K	0.867
Methodology: ICP/MS	Treatment:	Zn/Cu	20.7
	Shampoo: Trader Joes	Zn/Cd	> 999
		<b>RANGE</b>	
			4- 30
			1- 12
			0.5- 10
			4- 20
			> 800

## **Hair Test 1333**

### **1) What are your current symptoms and health history?**

Current symptoms = fatigue, hormone imbalance, no libido, hypothyroid, poor digestion including low stomach acid, ADD symptoms, high ANA results (anti-nuclear antibodies), some difficulty tuning out background noise. Thiol sensitivity. Bad reaction to EDTA IVs back in 2007 before I knew that was dangerous.

Health history: Seems that I was never healthy. As a child, could not sleep through a full night. Mother was told at age 2 by pediatrician that I looked like a worried baby. Always very small for my age; delayed puberty. Looking back, it's clear I was never making enough stomach acid. Would eat a small amount, feel full, and then be hungry again an hour later. As a child, forgetful / scatterbrained (ADD symptoms).

Terribly mood swings at puberty that were diagnosed as depression; included the "hopeless, helpless crying" type.

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

Never had amalgams. Yes, wisdom teeth removed. Had braces.

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

Just a few white fillings and sealants.

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

I believe she had amalgams by the time of her pregnancy. 10 years after I was born, she was diagnosed w/ depression.

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

Whatever was required for kids back then; I was born in 1980. I don't have a full list, but I didn't have anything "extra," just whatever was standard at the time.

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

HCL - 1400mg per 3 oz. protein

Creon digestive enzymes

Thorne's Methyl-guard 1 or 2 per day

Magnesium citrate 300mg twice a day

BioPure's Core, a multi-mineral. 6 caps per day (3 twice a day), which brings mineral totals to:

60mg zinc

12,000mcg biotin

600mcg molybdenum

+ some manganese & chromium

GABA 500mg 1-2 times per day

hydrocortisone - 20mg per day

naltrexone - 2mg

progesterone - 11mg per day in 2 doses

**7) Other information you feel may be relevant?**

In my mid-20's, I spent a few years getting allergy shots... you know, one per week for a while, eventually down to once a month... I have no way to know what they were preserved with, as it's been over 10 years now.

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

Atlanta, GA, USA (but did not grow up there)