



SEX: Male
AGE: 27

Toxic & Essential Elements; Hair

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum (Al)	3.1	< 7.0	
Antimony (Sb)	0.057	< 0.066	
Arsenic (As)	0.051	< 0.080	
Barium (Ba)	1.3	< 1.0	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	0.033	< 2.0	
Cadmium (Cd)	0.026	< 0.065	
Lead (Pb)	1.2	< 0.80	
Mercury (Hg)	0.67	< 0.80	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	0.002	< 0.002	
Thorium (Th)	< 0.001	< 0.002	
Uranium (U)	0.20	< 0.060	
Nickel (Ni)	0.13	< 0.20	
Silver (Ag)	0.08	< 0.08	
Tin (Sn)	0.34	< 0.30	
Titanium (Ti)	0.44	< 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)	478	200- 750			
Magnesium (Mg)	41	25- 75			
Sodium (Na)	200	20- 180			
Potassium (K)	100	9- 80			
Copper (Cu)	27	11- 30			
Zinc (Zn)	330	130- 200			
Manganese (Mn)	0.30	0.08- 0.50			
Chromium (Cr)	0.38	0.40- 0.70			
Vanadium (V)	0.085	0.018- 0.065			
Molybdenum (Mo)	0.053	0.025- 0.060			
Boron (B)	1.6	0.40- 3.0			
Iodine (I)	1.0	0.25- 1.8			
Lithium (Li)	0.007	0.007- 0.020			
Phosphorus (P)	162	150- 220			
Selenium (Se)	0.84	0.70- 1.2			
Strontium (Sr)	2.8	0.30- 3.5			
Sulfur (S)	45600	44000- 50000			
Cobalt (Co)	0.008	0.004- 0.020			
Iron (Fe)	8.0	7.0- 16			
Germanium (Ge)	0.026	0.030- 0.040			
Rubidium (Rb)	0.12	0.011- 0.12			
Zirconium (Zr)	0.088	0.020- 0.44			

SPECIMEN DATA		RATIOS	
COMMENTS:		ELEMENTS	RATIOS
Date Collected: 06/04/2014		Ca/Mg	11.7
Date Received: 06/09/2014		Ca/P	2.95
Date Completed: 06/10/2014		Na/K	2
Methodology: ICP/MS		Zn/Cu	12.2
Sample Size: 0.203 g	Sample Type: Head	Zn/Cd	> 999
Hair Color:	Treatment:	RANGE	
Shampoo:		Ca/Mg	4- 30
		Ca/P	0.8- 8
		Na/K	0.5- 10
		Zn/Cu	4- 20
		Zn/Cd	> 800

Health history for hair test 973

1) What are your current symptoms and health history?

Current symptoms are fatigue, ANXIETY, headaches, irritability, tingling in extremities, pins and needles, low blood pressure (i get dizzy when I stand up and almost faint sometimes), extremities going numb sometimes (hands and fingers), occasional fine muscle twitching (my triceps will just twitch when I'm laying down as do other muscles).

There was a point where I was taking lots of Iodine and other supplements, where I started getting a severe eye twitch which continued for a month or two and then went away when I stopped taking supplements. I also broke out in some sort of hives or rash / skin problem on my hands.

There was also something strange where if I took a 30 mg pill of zinc i would throw up. This happened twice in the past 6 months. So I usually never took Zinc and the two times i tried it I got sick and threw up.

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

9 amalgams removed Thursday, May 15, 2014.

I had amalgams placed I believe when I was in elementary school, early middle school. I am now 27, so that's at least 15 years.

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

I have had all 9 amalgams removed and replaced with composites that were placed using Biocomp's biocompatibility test, by Dr Jesus Ornelas in Tijuana.

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

This is a good question. I believe she had amalgam fillings at the time and possibly a few root canals.

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

I have had all of my vaccines that the healthcare system gives kids who go to the doctor regularly. I have also had flu shots some years.

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

I've been taking Vitamin C, Vitamin B6, MSM, some iodine, selenium, started taking small doses of Zinc right before the hair test, chlorella (not every day, but here and there .. which I have stopped taking since I had my amalgams removed), vitamin D

7) Other information you feel may be relevant?

Nothing off the top of my head.

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

Los Angeles, CA for the past 6 years, and New Hampshire for the years before that.