



PATIENT: Ujfygh- (\$  
 SEX: Male  
 AGE: 32

## Toxic & Essential Elements; Hair

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 <sup>th</sup> 95 <sup>th</sup>
Aluminum (Al)	0.5	< 7.0	
Antimony (Sb)	0.012	< 0.066	
Arsenic (As)	0.038	< 0.080	
Barium (Ba)	0.18	< 1.0	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	0.023	< 2.0	
Cadmium (Cd)	< 0.009	< 0.065	
Lead (Pb)	0.08	< 0.80	
Mercury (Hg)	0.04	< 0.80	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	< 0.001	< 0.002	
Thorium (Th)	< 0.001	< 0.002	
Uranium (U)	0.13	< 0.060	
Nickel (Ni)	0.05	< 0.20	
Silver (Ag)	< 0.006	< 0.08	
Tin (Sn)	< 0.02	< 0.30	
Titanium (Ti)	< 0.04	< 0.60	
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)	221	200- 750	
Magnesium (Mg)	30	25- 75	
Sodium (Na)	430	20- 180	
Potassium (K)	49	9- 80	
Copper (Cu)	8.2	11- 30	
Zinc (Zn)	200	130- 200	
Manganese (Mn)	0.39	0.08- 0.50	
Chromium (Cr)	0.27	0.40- 0.70	
Vanadium (V)	< 0.008	0.018- 0.065	
Molybdenum (Mo)	0.019	0.025- 0.060	
Boron (B)	2.0	0.40- 3.0	
Iodine (I)	0.30	0.25- 1.8	
Lithium (Li)	0.014	0.007- 0.020	
Phosphorus (P)	171	150- 220	
Selenium (Se)	0.83	0.70- 1.2	
Strontium (Sr)	0.21	0.30- 3.5	
Sulfur (S)	48300	44000- 50000	
Cobalt (Co)	0.032	0.004- 0.020	
Iron (Fe)	27	7.0- 16	
Germanium (Ge)	0.027	0.030- 0.040	
Rubidium (Rb)	0.050	0.011- 0.12	
Zirconium (Zr)	0.012	0.020- 0.44	

SPECIMEN DATA		RATIOS		
<b>COMMENTS:</b>		ELEMENTS	RATIOS	RANGE
Date Collected: 04/09/2014	Sample Size: 0.202 g	Ca/Mg	7.37	4- 30
Date Received: 04/12/2014	Sample Type: Head	Ca/P	1.29	0.8- 8
Date Completed: 04/17/2014	Hair Color: Black	Na/K	8.78	0.5- 10
Methodology: ICP/MS	Treatment:	Zn/Cu	24.4	4- 20
	Shampoo: Meier Elements	Zn/Cd	> 999	> 800

## **Health history for hair test 940**

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

Bad social anxiety, food sensitivities, fatigue, depression, generally not feeling well.

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

Had 10 amalgams placed 4.5 years ago. All within one month period. All were removed early 2014. Titanium alloy dental implant placed in 2012. Wisdom teeth removed in high school at 18.

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

All amalgams replaced with composites in early 2014.

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

She had some amalgams since childhood

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

Hep. B shots prior to college. MMR booster shot sometime in high school.

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

- Vitamin C (5 to 10g per day)
- Vit E (400 to 1200)
- Magnesium Citrate (3g per day)
- About a year ago I was taking 50 to 100mg of Zinc for a couple of months and started noticing vitiligo (white patches on face). Zinc lowers copper and copper helps produce melanin.
- Cod liver oil
- Flax seed oil
- B-complex
- Trace mineral drops in water
- Adrenergize Adrenal cortex (250 to 500mg per day)

### **7.) Age 32, 6 foot 2, 190 pounds.**

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

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

Warsaw, IN