

TOXIC METALS				
		RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 <sup>th</sup> 95 <sup>th</sup>
Aluminum	(Al)	7.5	< 7.0	████████████████████
Antimony	(Sb)	< 0.01	< 0.050	████████████████████
Arsenic	(As)	0.048	< 0.060	████████████████████
Barium	(Ba)	1.0	< 2.0	████████████████████
Beryllium	(Be)	< 0.01	< 0.020	████████████████████
Bismuth	(Bi)	0.021	< 2.0	████████████████████
Cadmium	(Cd)	< 0.009	< 0.050	████████████████████
Lead	(Pb)	0.13	< 0.60	████████████████████
Mercury	(Hg)	0.29	< 0.80	████████████████████
Platinum	(Pt)	< 0.003	< 0.005	████████████████████
Thallium	(Tl)	< 0.001	< 0.002	████████████████████
Thorium	(Th)	< 0.001	< 0.002	████████████████████
Uranium	(U)	0.046	< 0.060	████████████████████
Nickel	(Ni)	0.09	< 0.30	████████████████████
Silver	(Ag)	0.01	< 0.15	████████████████████
Tin	(Sn)	0.98	< 0.30	████████████████████
Titanium	(Ti)	0.25	< 0.70	████████████████████
Total Toxic Representation				████████████████████

*Handwritten notes:*  
 ↑ methylation, consider support, consult with PE/PT/PC + DNA + 2-2-2012  
 A1298C caps + Metal Away!  
 wow! lovely excretion  
 in Hydrolysis

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)	1010	300- 1200	████████████████████
Magnesium	(Mg)	73	35- 120	████████████████████
Sodium	(Na)	10	20- 250	████████████████████
Potassium	(K)	7	8- 75	████████████████████
Copper	(Cu)	48	11- 37	████████████████████
Zinc	(Zn)	160	140- 220	████████████████████
Manganese	(Mn)	0.37	0.08- 0.60	████████████████████
Chromium	(Cr)	0.41	0.40- 0.65	████████████████████
Vanadium	(V)	0.029	0.018- 0.065	████████████████████
Molybdenum	(Mo)	0.028	0.020- 0.050	████████████████████
Boron	(B)	0.53	0.25- 1.5	████████████████████
Iodine	(I)	0.47	0.25- 1.8	████████████████████
Lithium	(Li)	0.006	0.007- 0.020	████████████████████
Phosphorus	(P)	133	150- 220	████████████████████
Selenium	(Se)	0.80	0.55- 1.1	████████████████████
Strontium	(Sr)	0.75	0.50- 7.6	████████████████████
Sulfur	(S)	49200	44000- 50000	████████████████████
Cobalt	(Co)	0.018	0.005- 0.040	████████████████████
Iron	(Fe)	6.1	7.0- 16	████████████████████
Germanium	(Ge)	0.037	0.030- 0.040	████████████████████
Rubidium	(Rb)	0.005	0.007- 0.096	████████████████████
Zirconium	(Zr)	0.057	0.020- 0.42	████████████████████

*Handwritten notes:*  
 Air Powers  
 carbosine  
 zinc lozange  
 spunkla  
 chromium  
 work with your doctor on Lithium + Oratec + Calm Down spray + Lithia Water  
 ATP  
 + pot. citrate

SPECIMEN DATA		RATIOS		
COMMENTS:		ELEMENTS	RATIOS	RANGE
Date Collected: 6/13/2012	Sample Size: 0.198 g	Ca/Mg	13.8	4- 30
Date Received: 6/16/2012	Sample Type: Head	Ca/P	7.59	1- 12
Date Completed: 6/20/2012	Hair Color: Brown	Na/K	1.43	0.5- 10
Methodology: ICP/MS	Treatment:	Zn/Cu	3.33	4- 20
	Shampoo: Victorias Secret	Zn/Cd	> 999	> 800

## **Health history for hair test 628**

1) **What are your current symptoms and health history?** Crohn's disease since age 16. In the last 3 years: (age 29) weight gain despite careful diet and exercise, fatigue, social anxiety, depression, mood swing, lack of libido, night sweats, muscle and joint pain, amenorrhea, insomnia, excessive thirst and frequent urination, change in hair and skin texture (coarse, curly, dry), hypothyroid, food intolerances, weakness in hands/numbness/tingling. I'm sure there are more...

2) **Dental history (wisdom teeth removed? First root canal placed? Braces? First amalgam etc)** I only had two wisdom teeth, they are out (age 18?). No root canals. One amalgam in childhood, removed improperly and replaced with "white" filling.

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

**completed?** See above. The replacement fillings both failed within 3 years and had to be replaced. This time I went to a mercury free dentist.

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

5) **What vaccinations have you had and when (including flu and especially travel shots)?** I am a nurse, I have had every vaccine :(

6) **Supplements and medications (including dosages) taken at time of hair test, or for the 3-6**

**months before the sample was taken.** Naltrexone 4.5 mg/day, Dessicated thyroid 30mg/day, Spirulina, D3 4000u/day, Kelp with B vits.

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

8) **What is your location?** La Crosse, WI