

POTENTIALLY TOXIC ELEMENTS

TOXIC ELEMENTS	RESULT μg/g	REFERENCE RANGE	PERCENTILE	
			68 th	95 th
Aluminum	2.1	< 7.0		
Antimony	0.023	< 0.066		
Arsenic	0.080	< 0.080		
Barium	0.13	< 1.0		
Beryllium	< 0.01	< 0.020		
Bismuth	1.7	< 2.0		
Cadmium	< 0.009	< 0.065		
Lead	0.24	< 0.80		
Mercury	0.05	< 0.80		
Platinum	< 0.003	< 0.005		
Thallium	0.001	< 0.002		
Thorium	< 0.001	< 0.002		
Uranium	0.007	< 0.060		
Nickel	0.05	< 0.20		
Silver	0.11	< 0.08		
Tin	0.20	< 0.30		
Titanium	0.58	< 0.60		
Total Toxic Representation				

ESSENTIAL AND OTHER ELEMENTS

ELEMENTS	RESULT μg/g	REFERENCE RANGE	PERCENTILE				
			2.5 th	16 th	50 th	84 th	97.5 th
Calcium	259	200- 750					
Magnesium	24	25- 75					
Sodium	7	20- 180					
Potassium	4	9- 80					
Copper	9.1	11- 30					
Zinc	190	130- 200					
Manganese	0.06	0.08- 0.50					
Chromium	0.48	0.40- 0.70					
Vanadium	0.028	0.018- 0.065					
Molybdenum	0.038	0.025- 0.060					
Boron	0.57	0.40- 3.0					
Iodine	0.55	0.25- 1.8					
Lithium	< 0.004	0.007- 0.020					
Phosphorus	222	150- 220					
Selenium	1.1	0.70- 1.2					
Strontium	0.19	0.30- 3.5					
Sulfur	48200	44000- 50000					
Cobalt	0.003	0.004- 0.020					
Iron	11	7.0- 16					
Germanium	0.033	0.030- 0.040					
Rubidium	0.007	0.011- 0.12					
Zirconium	0.057	0.020- 0.44					

SPECIMEN DATA

RATIOS

COMMENTS:				ELEMENTS	RATIOS	EXPECTED RANGE
Date Collected:	7/28/2010	Sample Size:	0.205 g			
Date Received:	8/3/2010	Sample Type:	Head	Ca/Mg	10.8	4- 30
Date Completed:	8/6/2010	Hair Color:	Blond	Ca/P	1.17	0.8- 8
Client Reference:		Treatment:		Na/K	1.75	0.5- 10
Methodology:	ICP-MS	Shampoo:		Zn/Cu	20.9	4- 20
V010.08				Zn/Cd	> 999	> 800

Health history for hair test 452

1. What are your current symptoms and health history? **Brain fog, fatigue, very little endurance for physical activity despite regular exercise. Struggled with Candida for MANY years then went on extreme sugar free/dairy free/wheat free/yeast free diet for two years. It helped the fatigue about 40-50% but am still tired. Lots of irritation mucous coming out of the colon during a colonic cleanse. Did humaworm cleanse for 30 days with no visible results.**
2. Dental history (Wisdom teeth removed and when? Any other extractions. First root canal placed? Braces? First amalgam etc...). **Had braces for three years when I was younger (mid 90s), not sure of the metal used. Had a root canal in late 90s but not sure the filler used, don't think it was amalgam. All wisdom teeth removed in 2000. No fillings**
3. What dental work do you currently have in place? What part of the dental clean-up have you completed? **No dental work currently, other than root canal**
4. What dentistry did your mother have at any time before or during pregnancy? **None**
5. What vaccinations have you had and when (including flu and especially travel shots)? **MMR, Twinerix, Hep B, Menengitis, 2-3 flu shots in my lifetime.**
6. Supplements and medications (including dosages) taken at time of hair test, or for the 3-6 months before the sample was taken? **4000mgs Vit C, 4000 IUs Vit D, 200/200 CalMag, Some B6**
7. What is your age, height and weight? **28yrs, 6', 140lbs**
8. Other information you feel may be relevant? **Not sure if I have a heavy metal issue but for whatever reason I can't kick the Candida issue!**
9. What is your location – city & country (so that we can learn where certain toxins are more prevalent). **Ottawa, Canada**