



PATIENT: Number 507

POTENTIALLY TOXIC ELEMENTS							
TOXIC ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE				
			68 <sup>th</sup>	95 <sup>th</sup>			
Aluminum	3.0	< 7.0					
Antimony	0.015	< 0.050					
Arsenic	0.13	< 0.060					
Barium	0.22	< 2.0					
Beryllium	< 0.01	< 0.020					
Bismuth	0.005	< 2.0					
Cadmium	0.009	< 0.050					
Lead	0.72	< 0.60					
Mercury	0.42	< 0.80					
Platinum	< 0.003	< 0.005					
Thallium	0.001	< 0.002					
Thorium	< 0.001	< 0.002					
Uranium	0.001	< 0.060					
Nickel	0.10	< 0.30					
Silver	0.04	< 0.15					
Tin	0.07	< 0.30					
Titanium	0.40	< 0.70					
Total Toxic Representation							
ESSENTIAL AND OTHER ELEMENTS							
ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE				
			2.5 <sup>th</sup>	16 <sup>th</sup>	50 <sup>th</sup>	84 <sup>th</sup>	97.5 <sup>th</sup>
Calcium	295	300- 1200					
Magnesium	27	35- 120					
Sodium	17	20- 250					
Potassium	14	8- 75					
Copper	13	11- 37					
Zinc	190	140- 220					
Manganese	0.08	0.08- 0.60					
Chromium	0.73	0.40- 0.65					
Vanadium	0.12	0.018- 0.065					
Molybdenum	0.025	0.020- 0.050					
Boron	1.4	0.25- 1.5					
Iodine	0.23	0.25- 1.8					
Lithium	< 0.004	0.007- 0.020					
Phosphorus	181	150- 220					
Selenium	1.8	0.55- 1.1					
Strontium	0.33	0.50- 7.6					
Sulfur	49900	44000- 50000					
Cobalt	0.005	0.005- 0.040					
Iron	10	7.0- 16					
Germanium	0.028	0.030- 0.040					
Rubidium	0.027	0.007- 0.096					
Zirconium	0.024	0.020- 0.42					
SPECIMEN DATA				RATIOS			
<b>COMMENTS:</b>				<b>ELEMENTS</b>	<b>RATIOS</b>	<b>EXPECTED RANGE</b>	
Date Collected: 7/10/2011	Sample Size: 0.197 g		Ca/Mg	10.9	4- 30		
Date Received: 7/18/2011	Sample Type: Head		Ca/P	1.63	1- 12		
Date Completed: 7/23/2011	Hair Color: Brown		Na/K	1.21	0.5- 10		
Client Reference: 1283761	Treatment:		Zn/Cu	14.6	4- 20		
Methodology: ICP-MS	Shampoo: Natures Gate		Zn/Cd	> 999	> 800		
	V010.08						

## Health history for hair test 507

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

I've had ME/CFS since adolescence. Acute cerebral toxoplasmosis treated in hospital with pyremethamine and steroids was the "initiating event". In the two years before that I had the Rubella vaccine and I broke a thermometer.

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

etc...)

Wisdom teeth removed age 21. No root canals. No braces. First amalgam age 9. Total of 7 amalgams by age 21.

3) What dental work do you currently have in place? What part of the dental cleanup have you completed? I had amalgams safely removed 12 years ago, followed by DMSA chelation (large doses every 8 hours).

4) What dentistry did your mother have at any time before or during pregnancy? I'm not sure what she had done before, but she had none done during pregnancy.

5) What vaccinations have you had and when (including flu and especially travel shots)? Minimum required childhood vaccs - no measles or mumps vaccinations I got natural immunity there - rubella at 11, travel shots at 18 (yellow fever and a bunch of others I can't remember). No flu shots ever.

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

For 4 months prior to hair test (per day): 650mg magnesium chelate plus magnesium oil, 200mcg selenium, 25mg zinc, 10mg manganese, 200mcg chromium gtf, 150mcg molybdenum, copper and Iron *free* multi, 1000mg taurine, B complex, B6, folic acid, 5 methyltetrahydrofolate, hydroxy and methyl B12s, vit C, gamma E, distilled fish oil, lecithin, biotin, probiotics, ubiquinol, l-carnitine.

No medications.

7. What is your age, height and weight? 39, 5' 7", 134 pounds.

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

Wellington, New Zealand.