

POTENTIALLY TOXIC ELEMENTS

TOXIC ELEMENTS	RESULT µg/g	REFERENCE RANGE	PERCENTILE	
			68 th	95 th
Aluminum	2.3	< 7.0		
Antimony	0.022	< 0.050		
Arsenic	0.055	< 0.060		
Barium	0.15	< 2.0		
Beryllium	< 0.01	< 0.020		
Bismuth	0.053	< 2.0		
Cadmium	0.020	< 0.050		
Lead	0.74	< 0.60		
Mercury	2.1	< 0.80		
Platinum	< 0.003	< 0.005		
Thallium	< 0.001	< 0.002		
Thorium	< 0.001	< 0.002		
Uranium	0.017	< 0.060		
Nickel	0.17	< 0.30		
Silver	0.39	< 0.15		
Tin	0.20	< 0.30		
Titanium	0.54	< 0.70		
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	787	300- 1200					
Magnesium	50	35- 120					
Sodium	6	20- 250					
Potassium	7	8- 75					
Copper	59	11- 37					
Zinc	210	140- 220					
Manganese	1.2	0.08- 0.60					
Chromium	0.40	0.40- 0.65					
Vanadium	0.026	0.018- 0.065					
Molybdenum	0.023	0.020- 0.050					
Boron	0.31	0.25- 1.5					
Iodine	1.4	0.25- 1.8					
Lithium	< 0.004	0.007- 0.020					
Phosphorus	181	150- 220					
Selenium	1.4	0.55- 1.1					
Strontium	4.0	0.50- 7.6					
Sulfur	49300	44000- 50000					
Cobalt	0.006	0.005- 0.040					
Iron	6.9	7.0- 16					
Germanium	0.031	0.030- 0.040					
Rubidium	0.006	0.007- 0.096					
Zirconium	0.25	0.020- 0.42					

SPECIMEN DATA

RATIOS

COMMENTS:

Date Collected: 3/8/2011 Sample Size: 0.197 g
Date Received: 3/14/2011 Sample Type: Head
Date Completed: 3/17/2011 Hair Color: Brown
Client Reference: Treatment: Dye
Methodology: ICP-MS Shampoo: Treseemme

V010.08

ELEMENTS	RATIOS	EXPECTED RANGE
Ca/Mg	15.7	4- 30
Ca/P	4.35	1- 12
Na/K	0.857	0.5- 10
Zn/Cu	3.56	4- 20
Zn/Cd	> 999	> 800

Health history for hair test 461

1) What are your current symptoms and health history?

I am a female, age 44. Since I was a teenager I suffered from migraines, insomnia and gastrointestinal problems, diagnosed as IBS. Through my 20's and 30's I was functional, although I bounced from specialist to specialist as I sought the cause of a myriad of seemingly disconnected health issues. Around age 35 there was a more dramatic decline in my health. I began to see a psychiatrist and behavioral therapist for the worsening migraines, depression, incapacitating insomnia and gastrointestinal distress. I was prescribed Celexa and Klonopin as well as sleep hygiene techniques, which together greatly improved my insomnia. I no longer count insomnia as one of my symptoms. However, I still experienced periodic crashes, where I was unable to work due to acute onset fatigue, infections (kidney, sinus), or other undiagnosed mystery illnesses. Finally in January 2010, I began my journey to identifying and addressing food sensitivities, adrenal, hormonal and thyroid issues. However, while many of the gastrointestinal symptoms improved with diet modifications, I was unresponsive to therapies to improve my adrenals, low thyroid, and anemia. My wellness advisor suspected mercury as an underlying cause.

2) Dental history:

I had my first amalgam placed when I was a small child in the early 1970's. In later years I opted for composite fillings as an aesthetic choice. On October 14, 2010, I had my four amalgams removed using full IAOMT protocol, plus sedation dentistry and IV Vitamin C. All four of the amalgams were surface fillings. I had never had any crowns, root canals, braces, or any dental work other than routine cavity fillings.

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

All dental cleanup is completed. I am amalgam free as of October 14, 2010.

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

5) What vaccinations have you had and when (including flu and especially travel shots)? Routine childhood vaccinations. One flu shot in 2005.

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

Rx Celexa® 10mg daily
Rx Hydrocortisone - 5mg/3x day since March 1, 2011
Rx Gastrocrom® (cromilyn sodium, for hyper allergic reactions) – 3x day
Digestzymes® (digestive aid) with each meal
Milk Thistle – 3x day with meals
Ioderal® (iodine/potassium iodide) – 25 mg daily
Theralac® (probiotic) - 2x day
Vital Nutrients® Multi Mineral Complex (essential mineral formula without copper or iron) – 4 capsules daily
Allergy-C® (vitamin C from sago palm)
Adrenal Stress End® - contains 33 mg ACE
Vitamin E – 400 IU daily
Magnesium Glycinate – 400 mg daily
Zinc Picolinate – 50 mg daily
Perque® Activated B-12 Guard – 2,000 mcg sublingual daily
Rx Klonopin® .5 mg daily

7) Other information you feel may be relevant?

I chelated approximately nine rounds with DMSA according to the Cutler protocol. I stopped in early February 2011, because it became impossible to go to work. I could barely get out of bed - I was so fatigued, dizzy, out

of breath, and intolerant of any noise/light/motion. I started taking Hydrocortisone on March 1st. I did a hair test in March to see if more information could be gleaned about my condition, toxicities and deficiencies. I have no pre-amalgam hair test.

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