

POTENTIALLY TOXIC ELEMENTS

TOXIC ELEMENTS	RESULT µg/g	REFERENCE RANGE	PERCENTILE	
			68 th	95 th
Aluminum	69	< 7.0		
Antimony	0.010	< 0.050		
Arsenic	0.019	< 0.060		
Barium	4.1	< 2.0		
Beryllium	< 0.01	< 0.020		
Bismuth	11	< 2.0		
Cadmium	0.013	< 0.050		
Lead	0.02	< 0.60		
Mercury	0.12	< 0.80		
Platinum	< 0.003	< 0.005		
Thallium	< 0.001	< 0.002		
Thorium	< 0.001	< 0.002		
Uranium	0.056	< 0.060		
Nickel	0.53	< 0.30		
Silver	0.22	< 0.15		
Tin	1.7	< 0.30		
Titanium	0.93	< 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	3380	300- 1200					
Magnesium	290	35- 120					
Sodium	58	20- 250					
Potassium	5	8- 75					
Copper	15	11- 37					
Zinc	250	140- 220					
Manganese	16	0.08- 0.60					
Chromium	0.43	0.40- 0.65					
Vanadium	0.023	0.018- 0.065					
Molybdenum	0.031	0.020- 0.050					
Boron	0.08	0.25- 1.5					
Iodine	1.3	0.25- 1.8					
Lithium	0.008	0.007- 0.020					
Phosphorus	211	150- 220					
Selenium	0.60	0.55- 1.1					
Strontium	9.6	0.50- 7.6					
Sulfur	52000	44000- 50000					
Cobalt	0.37	0.005- 0.040					
Iron	6.5	7.0- 16					
Germanium	0.033	0.030- 0.040					
Rubidium	0.006	0.007- 0.096					
Zirconium	0.099	0.020- 0.42					

SPECIMEN DATA

RATIOS

COMMENTS:

Date Collected: 3/27/2011 Sample Size: 0.158 g
 Date Received: 4/1/2011 Sample Type: Head
 Date Completed: 4/5/2011 Hair Color:
 Client Reference: Treatment:
 Methodology: ICP-MS Shampoo:

V010.08

ELEMENTS	RATIOS	EXPECTED RANGE
Ca/Mg	11.7	4- 30
Ca/P	16	1- 12
Na/K	11.6	0.5- 10
Zn/Cu	16.7	4- 20
Zn/Cd	> 999	> 800

Health history for hair test 493

Symptoms: Chronic Face and head pain , duration 11 years (this is my worst most painful symptom)

Chronic fatigue syndrome (had been bedridden for years but I`am better now for various reasons although never 100%)

History: Graves disease (no longer have it), Exposure to mold, multiple other chemical exposures. (ruptured silicone implant that disintegrated inside me explanted as best as possible many years ago)

I have been ill for 20 years , disabled for the last 8.. CFS, Candidia, neuropathy, MS-like disease, asthma, migranes...

Dental History: Probably had my first silver filling around 8 -10 years old. Mouth was full of them.

9 amalgam fillings I believe and 3 root canaled teeth w/ crowns. All done throughout my lifetime. I had all of them removed last month by a Huggins trained dentist out of state. I never had wisdom teeth.

I don` t know what dentistry my mother had done during her pregnancy.

I don` t get flu shots nor any travel vaccinations. Although I have had vaccinations as a child.

Supplements and meds during hair test: chorella, vit d, b12or b6(maybe both) dheaa,multiple vit, coenzyme Q10, acetyl-carnitine, meletonin, magnesuim citrate topomax, tramadol, hyrocodone,clonezapam,zolpidem(sometimes)nortriptyline,tizanidine,stool softners

I live 30 minutes outside the city of Boston, Ma. Town water... Do not own home so I drank filtered water up until now. Now I try to purchase only spring water. Somewhat country setting..but very close to the city..