

HAIR ELEMENTS



SEX: Female
AGE: 42

POTENTIALLY TOXIC ELEMENTS				
TOXIC ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE	
			68 th	95 th
Aluminum	14	< 7.0		
Antimony	0.10	< 0.050		
Arsenic	0.099	< 0.060		
Barium	0.30	< 2.0		
Beryllium	< 0.01	< 0.020		
Bismuth	0.029	< 2.0		
Cadmium	0.10	< 0.050		
Lead	14	< 0.60		
Mercury	0.52	< 0.80		
Platinum	< 0.003	< 0.005		
Thallium	0.001	< 0.002		
Thorium	0.001	< 0.002		
Uranium	0.033	< 0.060		
Nickel	0.18	< 0.30		
Silver	0.55	< 0.15		
Tin	0.27	< 0.30		
Titanium	0.51	< 0.70		
Total Toxic Representation				

ESSENTIAL AND OTHER ELEMENTS					
ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE		
			2.5 th	16 th	50 th
Calcium	322	300- 1200			
Magnesium	24	35- 120			
Sodium	75	20- 250			
Potassium	92	8- 75			
Copper	14	11- 37			
Zinc	93	140- 220			
Manganese	0.16	0.08- 0.60			
Chromium	0.82	0.40- 0.65			
Vanadium	0.050	0.018- 0.065			
Molybdenum	0.18	0.020- 0.050			
Boron	1.8	0.25- 1.5			
Iodine	2.5	0.25- 1.8			
Lithium	0.059	0.007- 0.020			
Phosphorus	190	150- 220			
Selenium	1.7	0.55- 1.1			
Strontium	0.42	0.50- 7.6			
Sulfur	50700	44000- 50000			
Cobalt	0.017	0.005- 0.040			
Iron	17	7.0- 16			
Germanium	0.039	0.030- 0.040			
Rubidium	0.11	0.007- 0.096			
Zirconium	0.045	0.020- 0.42			

SPECIMEN DATA				RATIOS		
COMMENTS:				ELEMENTS	RATIOS	EXPECTED RANGE
Date Collected: 9/22/2010	Sample Size: 0.201 g			Ca/Mg	13.4	4- 30
Date Received: 9/27/2010	Sample Type: Head			Ca/P	1.69	1- 12
Date Completed: 9/30/2010	Hair Color: Brown			Na/K	0.815	0.5- 10
Client Reference:	Treatment:			Zn/Cu	6.64	4- 20
Methodology: ICP-MS	Shampoo: Jasons			Zn/Cd	930	> 800

V010.08

Health history for hair test 1046

This hair test is 4 years old. I was 42 then, 46 now.

I have had CFS/ME for 20 years. Sudden viral onset, steady state since then.

I have adrenal fatigue, unrefreshing sleep, low BP, multiple cognitive issues, poor concentration, poor memory, processing, you name it.

I have chronic EBV, low natural killer cell activity, insulin resistance, anxiety, mild paranoia & OCD.

I had some mercury amalgams removed and replaced with some white fillings before I got ill, but did not notice any adverse effects at the time. The dentist did not take any precautions. Years later, I had all my wisdom teeth removed, again without issue. I was back at work the same day.

I had all my shots growing up. I tolerated them well. Later I travelled in Asia & Latin America & got some more shots, yellow fever etc. I was in my early 20s when I came down with CFS, young, healthy, fit.

My mother has a mouth full of amalgam. It's striking.

Location is Chicago, IL.