

POTENTIALLY TOXIC ELEMENTS

TOXIC ELEMENTS	RESULT µg/g	REFERENCE RANGE	PERCENTILE	
			68 th	95 th
Aluminum	2.0	< 7.0		
Antimony	0.094	< 0.066		
Arsenic	0.056	< 0.080		
Barium	0.93	< 1.0		
Beryllium	< 0.01	< 0.020		
Bismuth	0.023	< 2.0		
Cadmium	0.014	< 0.065		
Lead	0.13	< 0.80		
Mercury	0.16	< 0.80		
Platinum	< 0.003	< 0.005		
Thallium	< 0.001	< 0.002		
Thorium	< 0.001	< 0.002		
Uranium	0.025	< 0.060		
Nickel	0.08	< 0.20		
Silver	0.02	< 0.08		
Tin	0.04	< 0.30		
Titanium	0.39	< 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	852	200 - 750					
Magnesium	270	25 - 75					
Sodium	92	20 - 180					
Potassium	120	9 - 80					
Copper	9.5	11 - 30					
Zinc	170	130 - 200					
Manganese	0.14	0.08 - 0.50					
Chromium	0.56	0.40 - 0.70					
Vanadium	0.053	0.018 - 0.065					
Molybdenum	0.038	0.025 - 0.060					
Boron	2.2	0.40 - 3.0					
Iodine	0.27	0.25 - 1.8					
Lithium	0.032	0.007 - 0.020					
Phosphorus	203	150 - 220					
Selenium	1.3	0.70 - 1.2					
Strontium	3.4	0.30 - 3.5					
Sulfur	48700	44000 - 50000					
Cobalt	0.006	0.004 - 0.020					
Iron	9.3	7.0 - 16					
Germanium	0.029	0.030 - 0.040					
Rubidium	0.17	0.011 - 0.12					
Zirconium	0.055	0.020 - 0.44					

SPECIMEN DATA

RATIOS

COMMENTS:			ELEMENTS			RATIOS		EXPECTED RANGE	
Date Collected:	5/31/2011	Sample Size:	0.205 g	Ca/Mg	3.16			4 - 30	
Date Received:	6/4/2011	Sample Type:	Head	Cu/P	4.2			0.8 - 8	
Date Completed:	6/4/2011	Hair Color:		Na/K	0.767			0.5 - 10	
Client Reference:	1278716	Treatment:		Zn/Cu	17.9			4 - 20	
Methodology:	ICP-MS	Shampoo:		Zn/Cd	> 999			> 800	
			V010.08						

Health history for hair test 487

I am a 49 years old male, Live in Mesa, AZ, USA, had silver filling for more than 25 years. A root canal for about 16 years.

Still have the root canal, remove silver filling 01/2009.

Right now I suffer from lack of energy, brain fog, short term memory, nervousness, low libido.... I have been taking a lot of supplements from AI book, but did stop for 2 weeks to take my hair test.

As most of mercury toxic people, I don't tolerate sulfur foods: onion, cabbage, coffee...

My ND tested my blood, urine, saliva and put me on adrenal support : C vit. 2gr x2, Thorne B complex #5 1x3pill/day, fish oil 5 ml x2/day, thorne niasafe 2 pills at night, sleep formula 2 pills at bed time. As I refused the provoked mercury test, she doesn't want to treat me for mercury toxicity.

free cortisol rhythm

6:00-8:00 am 8 depressed, ref. range 13-24nM

11:00-1:00 pm 3 depressed, range 5-10nM

04:00-05:00 pm 4 normal, range 3-8

10:00-midnight 3 normal, range 1-4

dhea 4 normal, range 3-10ng/ml

I will post all other test results later.