

HAIR ELEMENTS

GRACEFUL EARTH INC.

Customized Dietary, Nutritional and Herbal Information
 838 Kealahou Street, Honolulu, HI 96825
 Phone:(808)394-2832 Toll Free:(877)697-7300
 E-mail:Info@gracefulearth.com www.gracefulearth.com

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 PATIENT:) %
 SEX: Male
 AGE: 28

CLIENT#:

POTENTIALLY TOXIC ELEMENTS				
TOXIC ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE	
			68 th	95 th
Aluminum	8.3	< 7.0		
Antimony	0.037	< 0.066		
Arsenic	0.081	< 0.080		
Barium	0.66	< 1.0		
Beryllium	< 0.01	< 0.020		
Bismuth	0.034	< 2.0		
Cadmium	0.067	< 0.065		
Lead	1.3	< 0.80		
Mercury	1.3	< 0.80		
Platinum	< 0.003	< 0.005		
Thallium	< 0.001	< 0.002		
Thorium	< 0.001	< 0.002		
Uranium	0.034	< 0.060		
Nickel	0.16	< 0.20		
Silver	0.05	< 0.08		
Tin	0.28	< 0.30		
Titanium	0.31	< 0.60		
Total Toxic Representation				

ESSENTIAL AND OTHER ELEMENTS						
ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE			
			2.5 th	16 th	50 th	84 th
Calcium	440	200- 750				
Magnesium	35	25- 75				
Sodium	650	20- 180				
Potassium	250	9- 80				
Copper	17	11- 30				
Zinc	170	130- 200				
Manganese	0.28	0.08- 0.50				
Chromium	0.55	0.40- 0.70				
Vanadium	0.075	0.018- 0.065				
Molybdenum	0.038	0.025- 0.060				
Boron	3.5	0.40- 3.0				
Iodine	0.67	0.25- 1.8				
Lithium	0.010	0.007- 0.020				
Phosphorus	144	150- 220				
Selenium	1.1	0.70- 1.2				
Strontium	1.2	0.30- 3.5				
Sulfur	45700	44000- 50000				
Cobalt	0.006	0.004- 0.020				
Iron	4.4	7.0- 16				
Germanium	0.027	0.030- 0.040				
Rubidium	0.23	0.011- 0.12				
Zirconium	1.2	0.020- 0.44				

SPECIMEN DATA				RATIOS		
COMMENTS:				ELEMENTS	RATIOS	EXPECTED RANGE
Date Collected: 8/24/2010	Sample Size: 0.201 g			Ca/Mg	12.6	4- 30
Date Received: 9/16/2010	Sample Type: Head			Ca/P	3.06	0.8- 8
Date Completed: 9/17/2010	Hair Color: Brown			Na/K	2.6	0.5- 10
Client Reference:	Treatment:			Zn/Cu	10	4- 20
Methodology: ICP-MS	Shampoo: Jj Baby			Zn/Cd	> 999	> 800
V10.08						

Health history for hair test 514

29 y/o male

1. current symptoms: cognitive decline, brainfog, derealization, weakness in hands, constant pain in legs, can't focus or concentrate, eye floaters, constantly feel like my eyes are strained, head pressure, anxiety, depression, restless/uneasy feeling, malaise, freezing cold hands and feet, popping in knees, flashes of disorientation, alcohol intolerance, basically my life has been turned upside down.

Suspected it was lyme although I have no known history of a tick bite. 2 negative lyme ELISA tests (quest), 1 negative lyme WB w/ zero bands (quest), 1 negative lyme pcr (quest), suspicious lyme WB- IgM 1+band (igenex), 1 pos IgM lyme WB w/ 2+ bands (igenex). I question the lyme diagnosis b/c I don't fully trust igenex and also I've had every possible lyme treatment known to man and they do nothing! I've been tested for everything else you could think of, but everything comes back normal.

2. I had 3 amalgam fillings placed around 13y/o. One fell out (I probably swallowed it), the other 2 were breaking down pretty badly at the time of removal 9 months ago.

3. I did have them removed properly and replaced with composites. I had a metals reactivity test that showed reactivity to mercury, lead, aluminum, copper, and nickel amongst others.

4. Mother had amalgams during pregnancy.

5. Normal childhood vaccines, no flu shots or travel shots

6. Supplements during test: high levels of vit c, multi, glucosamine, magnesium, milk thistle.

7. Western PA