

# HAIR ELEMENTS



**PATIENT: Number 369**  
**SEX: Female**  
**AGE: 62**  
**LOCATION: Burlington, Vermont, USA**

## POTENTIALLY TOXIC ELEMENTS

TOXIC ELEMENTS	RESULT µg/g	REFERENCE RANGE	PERCENTILE	
			68 <sup>th</sup>	95 <sup>th</sup>
Aluminum	1.8	< 7.0		
Antimony	0.013	< 0.050		
Arsenic	0.046	< 0.060		
Barium	0.75	< 2.0		
Beryllium	< 0.01	< 0.020		
Bismuth	0.038	< 2.0		
Cadmium	0.020	< 0.050		
Lead	0.31	< 0.60		
Mercury	0.45	< 0.80		
Platinum	< 0.003	< 0.005		
Thallium	< 0.001	< 0.002		
Thorium	< 0.001	< 0.002		
Uranium	0.046	< 0.060		
Nickel	0.50	< 0.30		
Silver	0.24	< 0.15		
Tin	0.07	< 0.30		
Titanium	0.40	< 0.70		
Total Toxic Representation				

## ESSENTIAL AND OTHER ELEMENTS

ELEMENTS	RESULT µg/g	REFERENCE RANGE	PERCENTILE				
			2.5 <sup>th</sup>	16 <sup>th</sup>	50 <sup>th</sup>	84 <sup>th</sup>	97.5 <sup>th</sup>
Calcium	439	300- 1200					
Magnesium	79	35- 120					
Sodium	490	20- 250					
Potassium	260	8- 75					
Copper	14	11- 37					
Zinc	210	140- 220					
Manganese	0.30	0.08- 0.60					
Chromium	0.37	0.40- 0.65					
Vanadium	0.044	0.018- 0.065					
Molybdenum	0.020	0.020- 0.050					
Boron	20	0.25- 1.5					
Iodine	1.3	0.25- 1.8					
Lithium	0.033	0.007- 0.020					
Phosphorus	160	150- 220					
Selenium	0.91	0.55- 1.1					
Strontium	7.3	0.50- 7.6					
Sulfur	45500	44000- 50000					
Cobalt	0.006	0.005- 0.040					
Iron	4.9	7.0- 16					
Germanium	0.031	0.030- 0.040					
Rubidium	0.25	0.007- 0.096					
Zirconium	0.046	0.020- 0.42					

### SPECIMEN DATA

**COMMENTS:**  
 Date Collected:                      Sample Size:    **0.204 g**  
 Date Received:    5/10/2010                      Sample Type:    **Head**  
 Date Completed:   5/19/2010                      Hair Color:      **Gray**  
 Client Reference:                                      Treatment:         
 Methodology:    **ICP-MS**                                      Shampoo:        **Bwc Natural**

### RATIOS

ELEMENTS	RATIOS	EXPECTED RANGE
Ca/Mg	5.56	4- 30
Ca/P	2.74	1- 12
Na/K	1.88	0.5- 10
Zn/Cu	15	4- 20
Zn/Cd	> 999	> 800

V010.08

## **Health history for hair test 369**

Dear Folks at Living Network,

Here is my DD hair test result.

AS to the questions:

I am currently on my first round with 100 mg DMSA and 100 of the Alpha lipoic acid. I had done about two months all together of Dmsa alone. I feel pretty good, actually! As far as health history, I have had chronic depression for twenty years, particularly when I came back from India and a dentist redid all my fillings, (about 8) with no precautions whatsoever. In retrospect, I got an attack of the weepies and depression at the time that seemed to come out of nowhere. Since then I would kind of go in and out of health...get really healthy with one supplement protocol or another...but it would not stick...I would go back to being tired all the time. I also had to go on Prozac several times. Finally an extremely expensive chiropractic neurologist diagnosed heavy metals, I got the mdsa challenge test (did this twice!) and it came back mercury in the 98th percentile as well as lead and some other stuff. I started chelating with amalgams in my mouth and no regard to half life and wound up crying all the time.

Now I am on the Cutler protocol. My main symptoms are no sense of direction, trouble finding words, and of course bouts of depression that move in like some toxic miasma. I also have hot flashes all the time and have periods of very very low energy. Sometimes i have trouble focusing my eyes and seeing clearly. Can't remember anything unless I write it down immediately.

I have Hep C which I treated with detoxing and supplements and now my liver enzymes are normal and slightly elevated (the SPGT and the other one whatever it is called). I have also had breast cancer tumors twice four years apart and was treated with surgery and radiation.

2. I have always had soft teeth and lots of amalgam fillings all my life. Wisdom teeth were taken out when I was in my twenties, I think. I have had two teeth extracted with implants, at least four root canals, braces as a kid and everything was amalgams. I got the last four amalgams out in the last 8 months with an appropriate dentist (gas mask) and he also removed a tooth that was root canaled and amalgamed and turned out to be terribly infected. He said that the bone around the tooth looked like yellow styrofoam. God knows how long that had been there! I also have one nickel based crown. but all the amalgam is gone, now. Unfortunately, I still have this nickel crown, two titanium implants and at least three root canals with gold crowns.

I think I answered number 3 above.

4.I think my mom had lousy teeth, too, and probably had amalgams when she was pregnant.

5.My dad was a foreign service officer and the whole family changed countries every few years. We had loads of vaccines! I also traveled extensively as an adult and had loads more. I always turned down the flu vaccine after I started to get paranoid about allopathic medicine.

6. I was chelating with DMSA when I sent in my hair sample. Also taking zinc, vitamin B complex, iodine, CoQ10, vitamin C, Liver 52, Vitamin D, Tamoxifen, krill oil,

mineral complex on off rounds (Design for Health Complete Mineral Complex) and various pain killers as I just had hip replacement surgery.

7. I am 62, 5 foot 7 and weigh 185 pounds.

8. My father and my grandmother both had "familial tremor" and my dad was brilliant but really strange. My sister and I decided he had Aspergers. He was addicted to Neo Synephrine nose drops that had Thimerasol. My mother died recently with Alzheimer's disease.

I had contact lenses during the critical thimerasol time.

9. I live in Burlington, Vermont.