

# HAIR ELEMENTS



**PATIENT:** Number 306 1st hair test  
**SEX:** Female  
**AGE:** 52  
**LOCATION:** Houston, Texus, USA

## POTENTIALLY TOXIC ELEMENTS

TOXIC ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE	
			68 <sup>th</sup>	95 <sup>th</sup>
Aluminum	4.3	< 7.0		
Antimony	0.011	< 0.050		
Arsenic	0.037	< 0.060		
Barium	4.4	< 2.0		
Beryllium	< 0.01	< 0.020		
Bismuth	0.14	< 2.0		
Cadmium	0.062	< 0.050		
Lead	0.85	< 0.60		
Mercury	0.58	< 0.80		
Platinum	< 0.003	< 0.005		
Thallium	< 0.001	< 0.002		
Thorium	< 0.001	< 0.002		
Uranium	0.12	< 0.060		
Nickel	0.18	< 0.30		
Silver	0.08	< 0.15		
Tin	0.16	< 0.30		
Titanium	0.30	< 0.70		
Total Toxic Representation				

## ESSENTIAL AND OTHER ELEMENTS

ELEMENTS	RESULT $\mu\text{g/g}$	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	2150	300- 1200					
Magnesium	48	35- 120					
Sodium	22	20- 250					
Potassium	7	8- 75					
Copper	12	11- 37					
Zinc	210	140- 220					
Manganese	0.34	0.08- 0.60					
Chromium	0.34	0.40- 0.65					
Vanadium	0.14	0.018- 0.065					
Molybdenum	0.048	0.020- 0.050					
Boron	0.33	0.25- 1.5					
Iodine	7.5	0.25- 1.8					
Lithium	0.004	0.007- 0.020					
Phosphorus	170	150- 220					
Selenium	1.2	0.55- 1.1					
Strontium	7.4	0.50- 7.6					
Sulfur	49000	44000- 50000					
Cobalt	0.026	0.005- 0.040					
Iron	6.9	7.0- 16					
Germanium	0.036	0.030- 0.040					
Rubidium	0.007	0.007- 0.096					
Zirconium	0.031	0.020- 0.42					

### SPECIMEN DATA

**COMMENTS:**  
 Date Collected: 8/10/2009      Sample Size: 0.2 g  
 Date Received: 8/12/2009      Sample Type: Head  
 Date Completed: 8/13/2009      Hair Color: Brown  
 Client Reference:                  Treatment:  
 Methodology: ICP-MS              Shampoo: Whole Foods 365

### RATIOS

ELEMENTS	RATIOS	EXPECTED RANGE
Ca/Mg	44.8	4- 30
Ca/P	12.6	1- 12
Na/K	3.14	0.5- 10
Zn/Cu	17.5	4- 20
Zn/Cd	> 999	> 800

# HAIR ELEMENTS



**PATIENT:** Number 306 2nd hair test  
**SEX:** Female  
**AGE:** 53  
**LOCATION:** Houston, Texas, USA

## POTENTIALLY TOXIC ELEMENTS

TOXIC ELEMENTS	RESULT µg/g	REFERENCE RANGE	PERCENTILE	
			68 <sup>th</sup>	95 <sup>th</sup>
Aluminum	4.8	< 7.0		
Antimony	0.014	< 0.050		
Arsenic	0.034	< 0.060		
Barium	3.4	< 2.0		
Beryllium	< 0.01	< 0.020		
Bismuth	0.24	< 2.0		
Cadmium	0.033	< 0.050		
Lead	0.24	< 0.60		
Mercury	0.52	< 0.80		
Platinum	< 0.003	< 0.005		
Thallium	0.001	< 0.002		
Thorium	0.001	< 0.002		
Uranium	0.054	< 0.060		
Nickel	0.17	< 0.30		
Silver	0.05	< 0.15		
Tin	0.08	< 0.30		
Titanium	0.35	< 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	1930	300- 1200					
Magnesium	41	35- 120					
Sodium	20	20- 250					
Potassium	7	8- 75					
Copper	9.9	11- 37					
Zinc	200	140- 220					
Manganese	0.36	0.08- 0.60					
Chromium	0.38	0.40- 0.65					
Vanadium	0.11	0.018- 0.065					
Molybdenum	0.057	0.020- 0.050					
Boron	0.28	0.25- 1.5					
Iodine	11	0.25- 1.8					
Lithium	0.004	0.007- 0.020					
Phosphorus	165	150- 220					
Selenium	1.5	0.55- 1.1					
Strontium	6.6	0.50- 7.6					
Sulfur	46100	44000- 50000					
Cobalt	0.037	0.005- 0.040					
Iron	5.5	7.0- 16					
Germanium	0.030	0.030- 0.040					
Rubidium	0.010	0.007- 0.096					
Zirconium	0.095	0.020- 0.42					

### SPECIMEN DATA

**COMMENTS:** 1219190

Date Collected: 1/25/2010      Sample Size: 0.196 g  
 Date Received: 1/28/2010      Sample Type: Head  
 Date Completed: 2/3/2010      Hair Color: Brown  
 Client Reference: 1219190      Treatment:  
 Methodology: ICP-MS      Shampoo: 365 Shampoo

V010.08

### RATIOS

ELEMENTS	RATIOS	EXPECTED RANGE
Ca/Mg	47.1	4- 30
Ca/P	11.7	1- 12
Na/K	2.86	0.5- 10
Zn/Cu	20.2	4- 20
Zn/Cd	> 999	> 800

## **Health history for my second hair test (306)**

1) current symptoms - still have constant strabismus (eyes dont line up so I see 2 of everything) which is worse when I first wake up or when I am tired. This started 10 months ago, but I didnt get my amalgams out until 6.5 months ago.

Occasional ringing in the ears.

The tops of my ears and back of my neck were itchy a few weeks ago (dump phase?). Candida sometimes flairs up.

my candida and my fibroids started about 15 years ago. I have read that mercury is usually involved with both.

2) 1 wisdom tooth removed in 1990, the rest 2004. Had braces in 2005, one front tooth extracted - too crowded. Braces were over several amalgams. 12 total amalgams since the 60s, which were removed in July of 2009. (3 different visits to the dentist in 2 weeks. Dam was used)

3) Currently: no amalgams, no braces, only one wire glued onto the back of my lower front teeth.

4) Mom: She doesnt think she had any amalgams until after I was born. She has some now though.

5) common USA childhood shots in the 60s. Tetanus shot and Hep C in 1995. NO FLU SHOTS

6) supplements - trying to follow the AC protocol

Vit A or clo

B100 - twice a day

C - between 6000 and 10000 mg thru out the day

D

E-1000 (twice off round)

zinc 50mg

occasional selenium

chromium picolinate

cal/mag 3 times a day

mag citrate 4 times a day

dhea (not every day)

lithium (only when depressed, which is not very often)

arginine

milk thistle

burpleurum 1/2 a dropper in juice

organic cayenne 1tsp to 1/2T in juice 2 or 3 times a day (candida and circulation)

candex once or twice a day as needed

Zymessence 2 or 3 when I remember spread out

Iodoral 50mg, but I see I can reduce it to 25mg or even 12.5 since iodine is now in the red!

taurine

lysine

co-q-10 100mg

turmeric

niacinamide 500mg

molybdenum 250mg

B-6 100mg

I had been on 37.5mg of dmsa (started at 6mg 6 months ago) and 25mg of ALA (started low 3 months ago and worked up to 25mg)  
I am currently on 50mg of DMSA and 50mg ALA (no splitting pills, its wonderful!)

7) age 53, 5'3', 110lbs

8) One or twice I got tingling in my hands. Sometimes at night in bed my skin is itchy, but it doesnt last that long. Heart seemed to be a bit fast there for a while, but just this morning before I got out of bed I noticed it was a nice steady pace. I used to have sharp stabbing pains in one of my eyes once a month or so. This rarely happens.

The strabismus is really annoying. Sometimes when I can turn my head to get both eyes to look at the same spot, its somewhat distorted, like looking thru a fishtank to see whats on the other side. My right eye is the normal one, but it gets blurry on occasion. My left eye is always looking below my right eye, but is actually much clearer than the right. If I patch my good (right) eye and only look thru the left, its like being drunk. I think Andy says this is due to the 3rd cranial nerve being intoxicated. With the vision problems, I really dont notice anything other symptoms...

also, before I had my amalgams out I was zapping daily as well as oil pulling. I have since found out you should never do either of these with amalgams still in your teeth!

sometimes when I am chelating, I feel some weird pains down around my uterus. Does anyone else with fibroids feel any fibroid pain when chelating? Not scary pain, just quick dull pain. Hoping this is something good happening!

9) Houston, Tx

### **Health history for my first hair test (number 306)**

1. I have had double vision for 5 months now. Fibroids for 15 or so years. Candida off and on for about 15 years.

2. Just removed all my 11 amalgams a month ago. They had been with me for at least 35 to 40 years.

3. No amalgams left. Only a wire connected to the inside of my front lower teeth to keep them straight

4. Mom may have had a couple of amalgams, but most after I was born.

5. typical shots kids got in the 60s for school. Very few flue shots if any.

6. a daily whey protein shake, 4g or so vitamin c, 2 krill oil, 1 or 2 primal defense, several g msm, centrum, 50mg iodoral, cal/mag/zinc, magnesium citrate.

7. 52, 5'3, 115

8. When my double vision first occurred, I was very stressed, going thru some financial issues.

When I wake up in the morning, my double vision is very bad. One eye looks up and the other looks straight. A few hours later its better, but when I get tired, it gets worse again.

I am on my 2nd round of 6.25mg of DMSA every 3 hours day/4hours night

9. I am in Houston, Tx