

HAIR ELEMENTS



PATIENT: Number 345
SEX: Female
AGE: 55
LOCATION: Atlanta Ga USA

POTENTIALLY TOXIC ELEMENTS

TOXIC ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE	
			68 th	95 th
Aluminum	6.0	< 7.0		
Antimony	0.12	< 0.050		
Arsenic	0.035	< 0.060		
Barium	2.3	< 2.0		
Beryllium	< 0.01	< 0.020		
Bismuth	0.063	< 2.0		
Cadmium	0.23	< 0.050		
Lead	2.2	< 0.60		
Mercury	1.1	< 0.80		
Platinum	< 0.003	< 0.005		
Thallium	< 0.001	< 0.002		
Thorium	0.001	< 0.002		
Uranium	0.007	< 0.060		
Nickel	0.30	< 0.30		
Silver	0.32	< 0.15		
Tin	2.0	< 0.30		
Titanium	0.35	< 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	84 th	97.5 th
Calcium	955	300- 1200					
Magnesium	530	35- 120					
Sodium	130	20- 250					
Potassium	91	8- 75					
Copper	16	11- 37					
Zinc	180	140- 220					
Manganese	0.59	0.08- 0.60					
Chromium	0.39	0.40- 0.65					
Vanadium	0.026	0.018- 0.065					
Molybdenum	0.038	0.020- 0.050					
Boron	0.68	0.25- 1.5					
Iodine	4.2	0.25- 1.8					
Lithium	0.010	0.007- 0.020					
Phosphorus	151	150- 220					
Selenium	0.55	0.55- 1.1					
Strontium	2.6	0.50- 7.6					
Sulfur	50500	44000- 50000					
Cobalt	0.063	0.005- 0.040					
Iron	11	7.0- 16					
Germanium	0.032	0.030- 0.040					
Rubidium	0.062	0.007- 0.096					
Zirconium	0.17	0.020- 0.42					

SPECIMEN DATA

COMMENTS:

Date Collected: 4/14/2010 Sample Size: 0.205 g
 Date Received: 4/17/2010 Sample Type: Head
 Date Completed: 4/22/2010 Hair Color: Brown
 Client Reference: 1229049 Treatment: Dye
 Methodology: ICP-MS Shampoo: Castile Soap

V010.08

RATIOS

ELEMENTS	RATIOS	EXPECTED RANGE
Ca/Mg	1.8	4- 30
Ca/P	6.32	1- 12
Na/K	1.43	0.5- 10
Zn/Cu	11.3	4- 20
Zn/Cd	783	> 800

Health history for hair test 345.

1) What are your current symptoms and health history?

- Low blood pressure
- Broke 1/3 of Tibia off in March 2009 just walking to my car
- Diabetes type 2, sleep apnea, hypothyroid, memory loss 6 months after getting stainless steel partial.
- Headaches after extractions
- Sulfur sensitivity

2) Dental history (wisdom teeth removed? First root canal placed? Braces? First amalgam etc...)

4 years old first amalgam multiple teeth

Wisdom teeth removed around 22 years old

Not sure about root canal I think around 26 years old, lot of amalgams and crowns done when I was 26 also

- 1) Stainless steel partial at 42 with multiple metals in mouth with several crowns with amalgam underneath them and a large mercury tattoo

3) What dental work do you currently have in place? What part of the dental cleanup have you completed?

I have had 2 extractions done safely, and 4 extractions done not safely 3 months before I had the hair test done. I have one more root canal extraction to be done and 4 crowns to be checked for amalgam. I have 8 teeth left, one is a root canal which will be extracted in June 2010 and 4 crowns in the front lower jaw and 3 teeth that need fillings.

4) What dentistry did your mother have at any time before or during pregnancy?

I don't know for sure, but she had dentures in the upper by the time she was 26 and lots of crowns, etc in the lower jaw.

5) What vaccinations have you had and when (including flu and especially travel shots)?

All the normal ones children got at certain ages plus the ones that we were given twice to go overseas in 1958 and 1962, my father was military.

I got a BCG vaccination when I was 46 supposed to prevent TB

6) Supplements and medications (including dosages) taken at time of hair test, or for the 3-6 months before the sample was taken.

coQ10 100mg one time a day

Milk thistle 600 mg twice a day

Chromium Picolinate 400 mcg twice a day

Molybdenum 500mcg twice a day

Isocort 2 a day

Zinc 25 mg once a day

T3 compounded time release 25mg 1 time a day

7) Other information you feel may be relevant? My urine challenge test done before any chelation or teeth extractions was much higher on Mercury than my hair test.

8) What is your location - city & country (so that we can learn where certain toxins are more prevalent). Atlanta Ga USA