

HAIR ELEMENTS



PATIENT: Number 467
SEX: Female
AGE: 63
LOCATION: San Diego, CA, USA

POTENTIALLY TOXIC ELEMENTS

TOXIC ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE	
			68 th	95 th
Aluminum	7.3	< 7.0		
Antimony	0.044	< 0.050		
Arsenic	0.056	< 0.060		
Barium	1.7	< 2.0		
Beryllium	< 0.01	< 0.020		
Bismuth	0.66	< 2.0		
Cadmium	0.16	< 0.050		
Lead	1.9	< 0.60		
Mercury	0.81	< 0.80		
Platinum	< 0.003	< 0.005		
Thallium	< 0.001	< 0.002		
Thorium	< 0.001	< 0.002		
Uranium	0.28	< 0.060		
Nickel	0.50	< 0.30		
Silver	0.14	< 0.15		
Tin	1.2	< 0.30		
Titanium	0.69	< 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	881	300- 1200					
Magnesium	92	35- 120					
Sodium	190	20- 250					
Potassium	68	8- 75					
Copper	26	11- 37					
Zinc	640	140- 220					
Manganese	0.15	0.08- 0.60					
Chromium	0.54	0.40- 0.65					
Vanadium	0.090	0.018- 0.065					
Molybdenum	0.034	0.020- 0.050					
Boron	2.0	0.25- 1.5					
Iodine	0.82	0.25- 1.8					
Lithium	0.014	0.007- 0.020					
Phosphorus	159	150- 220					
Selenium	0.93	0.55- 1.1					
Strontium	5.7	0.50- 7.6					
Sulfur	46300	44000- 50000					
Cobalt	0.011	0.005- 0.040					
Iron	11	7.0- 16					
Germanium	0.037	0.030- 0.040					
Rubidium	0.076	0.007- 0.096					
Zirconium	0.21	0.020- 0.42					

SPECIMEN DATA

COMMENTS:
 Date Collected: 9/4/2010 Sample Size: 0.201 g
 Date Received: 9/10/2010 Sample Type: Head
 Date Completed: 9/11/2010 Hair Color: Brown
 Client Reference: 1231033 Treatment:
 Methodology: ICP-MS Shampoo:

RATIOS

ELEMENTS	RATIOS	EXPECTED RANGE
Ca/Mg	9.58	4- 30
Ca/P	5.54	1- 12
Na/K	2.79	0.5- 10
Zn/Cu	24.6	4- 20
Zn/Cd	> 999	> 800

V010.08

Health history for hair test 467

1. What are your current symptoms and health history?

Extreme fatigue; burning/tingling tongue/hands/feet; anxiety/feels like a motor running inside that never stops; depression

2. Dental history (Wisdom teeth removed and when? Any other extractions. First root canal placed? Braces? First amalgam etc...)

Wisdom teeth removed 50 years ago. All amalgam's removed approx 4 years ago.

3. What dental work do you currently have in place? What part of the dental clean-up have you completed?

All dental work was completed 4 years ago. I currently see a dentist every 6 months for a check-up

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

Not aware of any, and no way of finding out

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

I had the usual vaccinations as a child 50+ years ago. I got approximately 3 yearly flu shots, but stopped approximately 5 years ago.

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

Toprol XL, 50 mg. to regulate heartbeat; Topramax, 25 mg. as migraine prevention; Zinc cream to treat eczema or psoriasis. Also, D3, B complex, adrenal and thyroid support, vitamin C, GABA, 5-HTP, L-Tyrosine, multiple vitamin, protein powder, progesterone.

7. What is your age, height and weight?

64 years old, 5 ft. 5 inches height, 160 pounds

8. Other information you feel may be relevant?

Use a Kenmore steam distiller for all my water, take humongworm for parasites. Went to a doctor recommended on frequent-chelation board as Cutler recommended who was very expensive and did nothing but prescribe an anti-depressant and ordered lab tests he knew my HMO wouldn't order. I emailed him to ask if he would call and pre-authorize as the mail-order pharmacy requested, but the recommended doctor never responded. I also sent him a list of HMO doctors located close to him and asked if he recognized any as doctors who might work with him so I could switch to them to get labs authorized, etc, but, again, this recommended doctor never responded. I am pretty desperate for help.

9. What is your location – city & country (so that we can learn where certain toxins are more prevalent).

I grew up in New Jersey and currently live in the San Diego area.