

HAIR ELEMENTS



PATIENT: Number 359
SEX: Female
AGE: 5
LOCATION: San Francisco, CA

POTENTIALLY TOXIC ELEMENTS				
TOXIC ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE	
			68 th	95 th
Aluminum	11	< 8.0		
Antimony	0.057	< 0.066		
Arsenic	0.11	< 0.080		
Barium	0.32	< 0.75		
Beryllium	< 0.01	< 0.020		
Bismuth	0.060	< 2.0		
Cadmium	0.066	< 0.070		
Lead	0.55	< 1.0		
Mercury	0.35	< 0.40		
Platinum	< 0.003	< 0.005		
Thallium	< 0.001	< 0.002		
Thorium	0.002	< 0.002		
Uranium	0.16	< 0.060		
Nickel	0.28	< 0.30		
Silver	0.07	< 0.20		
Tin	0.30	< 0.30		
Titanium	0.51	< 0.90		
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	260	140- 500					
Magnesium	19	15- 45					
Sodium	12	18- 180					
Potassium	5	10- 150					
Copper	18	11- 24					
Zinc	130	100- 190					
Manganese	0.19	0.10- 0.50					
Chromium	0.42	0.43- 0.70					
Vanadium	0.077	0.030- 0.10					
Molybdenum	0.073	0.050- 0.13					
Boron	0.15	0.40- 3.5					
Iodine	0.54	0.25- 1.3					
Lithium	0.007	0.007- 0.020					
Phosphorus	148	150- 220					
Selenium	0.82	0.70- 1.1					
Strontium	1.1	0.19- 2.0					
Sulfur	46900	45500- 53000					
Cobalt	0.009	0.005- 0.030					
Iron	15	7.0- 16					
Germanium	0.030	0.030- 0.040					
Rubidium	0.016	0.012- 0.16					
Zirconium	0.51	0.030- 1.0					

SPECIMEN DATA				RATIOS		
COMMENTS:				ELEMENTS	RATIOS	EXPECTED RANGE
Date Collected: 4/7/2010	Sample Size: 0.175 g		Ca/Mg	13.7	4- 30	
Date Received: 4/22/2010	Sample Type: Head		Ca/P	1.76	1- 12	
Date Completed: 4/25/2010	Hair Color:		Na/K	2.4	0.5- 10	
Client Reference:	Treatment:		Zn/Cu	7.22	4- 20	
Methodology: ICP-MS	Shampoo: Aubrey Organics		Zn/Cd	> 999	> 800	
	V010.08					

Health history for hair test 359

1. What are your current symptoms and health history?

Appears normally functioning but symptoms are: salicylate and amine sensitivity (possibly other foods as well), eczema, purple shadows under eyes, arthritis-like pain in legs, occasional headaches with fever, pale complexion, one mottled tooth, colic as a baby, yeast issues, hyperactivity, low energy compared to kids her age, oppositional behavior after eating amines.

As with me, these symptoms come along with eating salicylates or amines.

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

No dental work other than two regular cleanings.

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

None.

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

Seven or more amalgam fillings.

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

Only vaccination was a tetanus shot when 3 years old.

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

No Fenol digestive enzymes, six per day with meals. TriEnza digestive enzymes, about 1-2 per day. Natural Calm Magnesium powder, about 175mg daily. Bone broth several times a week.

7. What is your age, height and weight?

Age 5, about 50 inches and 50 pounds. Heavier than most girls her age, but does not look overweight. Always hungry. Eats like an adult, portion wise.

8. Other information you feel may be relevant?

Not as physically active as most kids. She is calm and quiet, often shy and vulnerable to criticism or even light teasing. Very sensitive emotionally. This also goes in hand with eating salicylates and amines.

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

San Francisco, CA.