

HAIR ELEMENTS



PATIENT: Number 373
SEX: Female
AGE: 15
LOCATION: Florida, USA

POTENTIALLY TOXIC ELEMENTS

TOXIC ELEMENTS	RESULT µg/g	REFERENCE RANGE	PERCENTILE		
			68 th	95 th	
Aluminum	1.7	< 8.0			
Antimony	0.024	< 0.066			
Arsenic	0.030	< 0.080			
Barium	0.22	< 0.75			
Beryllium	< 0.01	< 0.020			
Bismuth	0.019	< 2.0			
Cadmium	0.009	< 0.060			
Lead	0.11	< 1.0			
Mercury	0.07	< 0.40			
Platinum	< 0.003	< 0.005			
Thallium	< 0.001	< 0.002			
Thorium	< 0.001	< 0.002			
Uranium	0.007	< 0.060			
Nickel	0.02	< 0.20			
Silver	0.01	< 0.10			
Tin	0.10	< 0.30			
Titanium	0.37	< 0.60			
Total Toxic Representation					

ESSENTIAL AND OTHER ELEMENTS

ELEMENTS	RESULT µg/g	REFERENCE RANGE	PERCENTILE				
			2.5 th	16 th	50 th	84 th	97.5 th
Calcium	479	200– 700					
Magnesium	79	18– 70					
Sodium	61	20– 200					
Potassium	36	9– 80					
Copper	11	11– 32					
Zinc	190	150– 230					
Manganese	0.06	0.08– 0.50					
Chromium	0.30	0.40– 0.70					
Vanadium	0.020	0.020– 0.075					
Molybdenum	0.057	0.030– 0.060					
Boron	0.60	0.34– 3.0					
Iodine	1.5	0.25– 1.3					
Lithium	< 0.004	0.007– 0.020					
Phosphorus	209	150– 220					
Selenium	0.79	0.70– 1.2					
Strontium	1.2	0.30– 3.2					
Sulfur	51000	44000– 50000					
Cobalt	0.002	0.004– 0.020					
Iron	5.2	7.0– 16					
Germanium	0.022	0.030– 0.040					
Rubidium	0.029	0.009– 0.090					
Zirconium	0.064	0.047– 0.70					

SPECIMEN DATA

COMMENTS:

Date Collected: 5/15/2010
Date Received: 5/19/2010
Date Completed: 5/23/2010
Client Reference: 1230441
Methodology: ICP-MS

Sample Size: 0.195 g
Sample Type: Head
Hair Color: Brown
Treatment:
Shampoo: Burt Bees

V010.08

RATIOS

ELEMENTS	RATIOS	EXPECTED RANGE
Ca/Mg	6.06	4– 30
Ca/P	2.29	0.8– 8
Na/K	1.69	0.5– 10
Zn/Cu	17.3	4– 20
Zn/Cd	> 999	> 800

Health history for hair test 373

The test shows no lithium. I have a hair tests for my 3 daughters and me and we all have no lithium.

1. What are your current symptoms and health history? **allergy, very moody, difficult to get along with, some digestive problems,**

2. Dental history (Wisdom teeth removed and when? Any other extractions. First root canal placed? Braces? First amalgam etc...) **no amalgam fillings, some composite fillings, 2 teeth with pulpotomy**

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? **many amalgam fillings, 1 root canal**

5. What vaccinations have you had and when (including flu and especially travel shots)? **all childhood vaccinations till age 6**

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

multivitamin only a few times, like once a week or so, nothing on a regular basis

7. What is your age, height and weight? **weigh around 95 pounds, skinny, 15 years old**

8. Other information you feel may be relevant? **Likes to eat only sweet things but is not getting white sugar products at home.**

9. What is your location – city & country (so that we can learn where certain toxins are more prevalent). **right now Florida, 08 - 09 Washington State, Tacoma before Germany, Maryland**