

HAIR ELEMENTS



LAB#: _____
 PATIENT: _____
 ID: _____
 SEX: Female
 AGE: 3

CLIENT#: _____
 DOCTOR: _____

POTENTIALLY TOXIC ELEMENTS

TOXIC ELEMENTS	RESULT µg/g	REFERENCE RANGE	PERCENTILE	
			68 th	95 th
Aluminum	6.5	< 8.0	██████████	
Antimony	0.086	< 0.066	██████████	
Arsenic	0.075	< 0.080	██████████	
Barium	0.07	< 0.75	██████████	
Beryllium	< 0.01	< 0.020		
Bismuth	0.42	< 2.0	██████████	
Cadmium	0.019	< 0.070	██████████	
Lead	0.75	< 1.0	██████████	
Mercury	0.44	< 0.40	██████████	
Platinum	< 0.003	< 0.005		
Thallium	< 0.001	< 0.002		
Thorium	< 0.001	< 0.002		
Uranium	0.002	< 0.060	██████████	
Nickel	0.19	< 0.30	██████████	
Silver	0.11	< 0.20	██████████	
Tin	0.87	< 0.30	██████████	██████████
Titanium	1.2	< 0.90	██████████	
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	127	140- 500		██████████			
Magnesium	5	15- 45	██████████				
Sodium	97	18- 180			██████████		
Potassium	210	10- 150			██████████		
Copper	13	11- 24		██████████			
Zinc	36	100- 190	██████████				
Manganese	0.05	0.10- 0.50		██████████			
Chromium	0.45	0.43- 0.70		██████████			
Vanadium	0.050	0.030- 0.10			██████████		
Molybdenum	0.091	0.050- 0.13			██████████		
Boron	3.8	0.40- 3.5			██████████		
Iodine	1.1	0.25- 1.3			██████████		
Lithium	0.008	0.007- 0.020			██████████		
Phosphorus	248	150- 220			██████████		
Selenium	0.86	0.70- 1.1			██████████		
Strontium	0.10	0.19- 2.0	██████████				
Sulfur	51500	45500- 53000			██████████		
Cobalt	0.016	0.005- 0.030			██████████		
Iron	18	7.0- 16			██████████		
Germanium	0.033	0.030- 0.040			██████████		
Rubidium	0.19	0.012- 0.16			██████████		
Zirconium	0.30	0.030- 1.0			██████████		

SPECIMEN DATA

COMMENTS:
 Date Collected: 11/11/2010 Sample Size: 0.202 g
 Date Received: 11/15/2010 Sample Type: Head
 Date Completed: 11/18/2010 Hair Color: Blond
 Client Reference: _____ Treatment: _____
 Methodology: ICP-MS Shampoo: Yesto

RATIOS

ELEMENTS	RATIOS	EXPECTED RANGE
Ca/Mg	25.4	4- 30
Ca/P	0.512	1- 12
Na/K	0.462	0.5- 10
Zn/Cu	2.77	4- 20
Zn/Cd	> 999	> 800

V010.08

Health history for hair test 428

1. **What are your current symptoms and health history?** Covers ears when hears certain sounds
2. **Dental history (Wisdom teeth removed and when? Any other extractions. First root canal placed? Braces? First amalgam etc...)** No dental history
3. **What dental work do you currently have in place? What part of the dental clean-up have you completed?** No dental history, she is 3 years old.
4. **What dentistry did your mother have at any time before or during pregnancy?** 2 amalgam fillings, one root canal.
5. **What vaccinations have you had and when (including flu and especially travel shots)?** All standard vaccines for our area.
6. **Supplements and medications (including dosages) taken at time of hair test, or for the 3-6 months before the sample was taken?** Vitamin D 1000 IU per week, Vitamin C 60mg per day
7. **What is your age, height and weight?** 3.5 years, 36 inches, 30 pounds.
8. **Other information you feel may be relevant?** No
9. **What is your location – city & country (so that we can learn where certain toxins are more prevalent).** Long Island, New York, USA