

HAIR ELEMENTS



PATIENT: Number 364
SEX: Male
AGE: 9
LOCATION: BC Canada

POTENTIALLY TOXIC ELEMENTS

TOXIC ELEMENTS	RESULT µg/g	REFERENCE RANGE	PERCENTILE	
			68 th	95 th
Aluminum	1.8	< 8.0		
Antimony	0.023	< 0.066		
Arsenic	0.091	< 0.080		
Barium	0.08	< 0.75		
Beryllium	< 0.01	< 0.020		
Bismuth	0.007	< 2.0		
Cadmium	0.009	< 0.070		
Lead	0.75	< 1.0		
Mercury	0.33	< 0.40		
Platinum	< 0.003	< 0.005		
Thallium	< 0.001	< 0.002		
Thorium	< 0.001	< 0.002		
Uranium	< 0.001	< 0.060		
Nickel	0.04	< 0.20		
Silver	0.03	< 0.14		
Tin	0.11	< 0.30		
Titanium	0.35	< 0.70		
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	225	160– 500					
Magnesium	15	12– 50					
Sodium	120	20– 200					
Potassium	85	12– 140					
Copper	10	11– 32					
Zinc	190	110– 190					
Manganese	0.11	0.08– 0.50					
Chromium	0.45	0.40– 0.70					
Vanadium	0.048	0.025– 0.10					
Molybdenum	0.028	0.040– 0.090					
Boron	0.74	0.50– 3.5					
Iodine	0.20	0.25– 1.3					
Lithium	< 0.004	0.007– 0.020					
Phosphorus	173	150– 220					
Selenium	0.94	0.70– 1.1					
Strontium	0.10	0.21– 2.1					
Sulfur	51700	44000– 51000					
Cobalt	0.003	0.004– 0.020					
Iron	12	7.0– 16					
Germanium	0.026	0.030– 0.040					
Rubidium	0.082	0.008– 0.080					
Zirconium	0.19	0.060– 0.70					

SPECIMEN DATA

COMMENTS:

Date Collected: 5/2/2010
Date Received: 5/7/2010
Date Completed: 5/16/2010
Client Reference:
Methodology: ICP-MS

Sample Size: 0.18 g
Sample Type: Head
Hair Color: Brown
Treatment:
Shampoo: Kripps Natural
V010.08

RATIOS

ELEMENTS	RATIOS	EXPECTED RANGE
Ca/Mg	15	4– 30
Ca/P	1.3	0.8– 8
Na/K	1.41	0.5– 10
Zn/Cu	19	4– 20
Zn/Cd	> 999	> 800

Health history for hair test 364

1) What are your current symptoms and health history?

- 9 year old boy with autism

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

- no amalgams

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

None, do not use fluoride and only use natural toothpaste

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

none

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

All shots up until 2 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.

- mag, B12 sublingual, Vancomycin, Ampho B, B12 complex, Unique E

7) Other information you feel may be relevant?

On going Clostridia for approx 3 years, trying to treat

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