

HAIR ELEMENTS



PATIENT: Number 237
SEX: Male
AGE: 2
LOCATION: Central Pennsylvania

POTENTIALLY TOXIC ELEMENTS

TOXIC ELEMENTS	RESULT µg/g	REFERENCE RANGE	PERCENTILE	
			68 th	95 th
Aluminum	6.7	< 8.0		
Antimony	0.066	< 0.066		
Arsenic	0.13	< 0.080		
Barium	0.20	< 0.50		
Beryllium	< 0.01	< 0.020		
Bismuth	0.033	< 2.0		
Cadmium	0.073	< 0.070		
Lead	2.9	< 1.0		
Mercury	0.13	< 0.40		
Platinum	< 0.003	< 0.005		
Thallium	< 0.001	< 0.002		
Thorium	0.001	< 0.002		
Uranium	0.036	< 0.060		
Nickel	0.18	< 0.20		
Silver	0.09	< 0.20		
Tin	0.23	< 0.30		
Titanium	0.53	< 1.0		
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	122	125- 370					
Magnesium	22	12- 30					
Sodium	190	20- 200					
Potassium	240	12- 200					
Copper	10	11- 18					
Zinc	93	100- 190					
Manganese	0.29	0.10- 0.50					
Chromium	0.28	0.43- 0.80					
Vanadium	0.025	0.030- 0.10					
Molybdenum	0.060	0.050- 0.13					
Boron	3.3	0.70- 5.0					
Iodine	0.78	0.25- 1.3					
Lithium	0.016	0.007- 0.020					
Phosphorus	155	150- 220					
Selenium	0.71	0.70- 1.1					
Strontium	0.31	0.16- 1.0					
Sulfur	49800	45500- 53000					
Cobalt	0.010	0.004- 0.020					
Iron	15	7.0- 16					
Germanium	0.038	0.030- 0.040					
Rubidium	0.23	0.016- 0.18					
Zirconium	0.16	0.040- 1.0					

SPECIMEN DATA

COMMENTS:

Date Collected: 12/8/2008
Date Received: 12/18/2008
Date Completed: 12/23/2008
Client Reference:
Methodology: ICP-MS

Sample Size: 0.204 g
Sample Type: Head
Hair Color:
Treatment:
Shampoo: Goats Milk

V010.08

RATIOS

ELEMENTS	RATIOS	EXPECTED RANGE
Ca/Mg	5.55	4- 30
Ca/P	0.787	0.8- 8
Na/K	0.792	0.5- 10
Zn/Cu	9.3	4- 20
Zn/Cd	> 999	> 800

Health history for hair test 237

1) What are your current symptoms and health history?

Candida overgrowth

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

No dental work

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

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

5 amalgams; one amalgam removed while nursing

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

No vaccinations

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

Multivitamin for children

100mg C

Probiotics

7) Other information you feel may be relevant?

Nursed until 2 years, 4 months

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

Central Pennsylvania