

HAIR ELEMENTS



PATIENT: Hair Test 272

SEX: Female

AGE: 43

POTENTIALLY TOXIC ELEMENTS

TOXIC ELEMENTS	RESULT µg/g	REFERENCE RANGE	PERCENTILE	
			68 th	95 th
Aluminum	9.7	< 7.0		
Antimony	0.023	< 0.050		
Arsenic	0.097	< 0.060		
Barium	1.1	< 2.0		
Beryllium	< 0.01	< 0.020		
Bismuth	0.062	< 2.0		
Cadmium	0.045	< 0.050		
Lead	0.10	< 0.60		
Mercury	0.87	< 0.80		
Platinum	< 0.003	< 0.005		
Thallium	< 0.001	< 0.002		
Thorium	< 0.001	< 0.002		
Uranium	0.001	< 0.060		
Nickel	0.11	< 0.30		
Silver	0.10	< 0.15		
Tin	0.11	< 0.30		
Titanium	0.51	< 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	238	300– 1200					
Magnesium	20	35– 120					
Sodium	48	20– 250					
Potassium	19	8– 75					
Copper	10	11– 37					
Zinc	170	140– 220					
Manganese	0.08	0.08– 0.60					
Chromium	0.37	0.40– 0.65					
Vanadium	0.026	0.018– 0.065					
Molybdenum	0.041	0.020– 0.050					
Boron	0.32	0.25– 1.5					
Iodine	0.41	0.25– 1.8					
Lithium	0.008	0.007– 0.020					
Phosphorus	165	150– 220					
Selenium	0.88	0.55– 1.1					
Strontium	0.30	0.50– 7.6					
Sulfur	47100	44000– 50000					
Cobalt	0.005	0.005– 0.040					
Iron	8.5	7.0– 16					
Germanium	0.033	0.030– 0.040					
Rubidium	0.015	0.007– 0.096					
Zirconium	0.043	0.020– 0.42					

SPECIMEN DATA

COMMENTS:

Date Collected:
Date Received: 3/30/2009
Date Completed: 4/1/2009
Client Reference:
Methodology: ICP-MS

Sample Size: 0.197 g
Sample Type: Head
Hair Color:
Treatment:
Shampoo:

V010.08

RATIOS

ELEMENTS	RATIOS	EXPECTED RANGE
Ca/Mg	11.9	4– 30
Ca/P	1.44	1– 12
Na/K	2.53	0.5– 10
Zn/Cu	17	4– 20
Zn/Cd	> 999	> 800

Health history for hair test 272

- 1) What are your current symptoms and health history? IBS symptoms, tiredness
 - 2) Dental history (wisdom teeth removed? First root canal placed? Braces? First amalgam etc...) First amalgam 35 years ago, first root canal 10 years ago,
 - 3) What dental work do you currently have in place? What part of the dental cleanup have you completed? about 12 Amalgams in place at the moment.
 - 4) What dentistry did your mother have at any time before or during pregnancy? Unsure
 - 5) What vaccinations have you had and when (including flu and especially travel shots)? All required vaccinations, and travel shots for visiting Morocco 3 years ago
 - 6) Supplements and medications (including dosages) taken at time of hair test, or for the 3-6 months before the sample was taken. Loperamide
 - 7) What is your age, height and weight? 43, 5'5" 11 Stone
 - 8) Other information you feel may be relevant? Feeling really unwell of recent.
 - 9) What is your location - city & country (so that we can learn where certain toxins are more prevalent).
- England, Wigan, North west