

HAIR ELEMENTS



PATIENT: Number 404
SEX: Male
AGE: 31
LOCATION: Pretoria, South Africa

POTENTIALLY TOXIC ELEMENTS

TOXIC ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE	
			68 th	95 th
Aluminum	7.1	< 7.0		
Antimony	0.012	< 0.066		
Arsenic	0.038	< 0.080		
Barium	0.45	< 1.0		
Beryllium	< 0.01	< 0.020		
Bismuth	0.066	< 2.0		
Cadmium	0.031	< 0.065		
Lead	0.08	< 0.80		
Mercury	0.29	< 0.80		
Platinum	< 0.003	< 0.005		
Thallium	0.002	< 0.002		
Thorium	0.001	< 0.002		
Uranium	0.039	< 0.060		
Nickel	0.06	< 0.20		
Silver	0.03	< 0.08		
Tin	0.06	< 0.30		
Titanium	0.73	< 0.60		
Total Toxic Representation				

ESSENTIAL AND OTHER ELEMENTS

ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE				
			2.5 th	16 th	50 th	84 th	97.5 th
Calcium	283	200- 750					
Magnesium	44	25- 75					
Sodium	28	20- 180					
Potassium	16	9- 80					
Copper	18	11- 30					
Zinc	210	130- 200					
Manganese	0.10	0.08- 0.50					
Chromium	0.33	0.40- 0.70					
Vanadium	0.046	0.018- 0.065					
Molybdenum	0.048	0.025- 0.060					
Boron	0.28	0.40- 3.0					
Iodine	0.51	0.25- 1.8					
Lithium	0.010	0.007- 0.020					
Phosphorus	228	150- 220					
Selenium	110	0.70- 1.2					
Strontium	0.41	0.30- 3.5					
Sulfur	49900	44000- 50000					
Cobalt	0.016	0.004- 0.020					
Iron	11	7.0- 16					
Germanium	0.033	0.030- 0.040					
Rubidium	0.018	0.011- 0.12					
Zirconium	0.034	0.020- 0.44					

SPECIMEN DATA

COMMENTS: Results checked.

Date Collected: 8/5/2010 Sample Size: 0.203 g
 Date Received: 8/9/2010 Sample Type: Head
 Date Completed: 8/12/2010 Hair Color: Brown
 Client Reference: Treatment:
 Methodology: ICP-MS Shampoo: Pantene

V010.08

RATIOS

ELEMENTS	RATIOS	EXPECTED RANGE
Ca/Mg	6.43	4- 30
Ca/P	1.24	0.8- 8
Na/K	1.75	0.5- 10
Zn/Cu	11.7	4- 20
Zn/Cd	> 999	> 800

Health history for hair test 404

1. What are your current symptoms and health history?

Brain fog, tinnitus, poor ability to multi-task, decreased levels of social interaction, memory issues, find it difficult to hold a proper conversation as I often forget words mid-sentence.

2. Dental history (Wisdom teeth removed and when? Any other extractions. First root canal placed? Braces? First amalgam etc...)

Still have wisdom teeth. First root canal in 2004. Had apicectomy done (2007) on front tooth shortly after root canal in 2006. (root canal was sealed with amalgam). Had all (4) root canal teeth extracted (2010)

3. What dental work do you currently have in place? What part of the dental clean-up have you completed?

All root canal teeth extracted. All amalgam fillings removed (last one was done in July 2010).

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

None that I'm aware of.

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

Not sure.

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

Vitamin B , vitamin D (1000IU), Vitamin E (900mg), Adrenostate (2 tabs every morning), Co-enzyme Q10 (150mg), Extension IQ (8 tabs a day), Magnesium Glycinate (2052mg), Vitamin C (4grams), omega oils (2 caps), DHEA (10mg)

7. What is your age, height and weight?

31 years old, 1,73m, 69kKg

8. Other information you feel may be relevant?

Shortly after having my front tooth root canal I started feeling these symptoms (2007). I had the apicectomy done in 2007 on this very tooth.

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

Pretoria, South Africa