

HAIR ELEMENTS



PATIENT: Number 372

SEX: Male

AGE: 21

LOCATION: Leeds, England, United Kingdom

POTENTIALLY TOXIC ELEMENTS

TOXIC ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE	
			68 th	95 th
Aluminum	2.5	< 7.0		
Antimony	0.011	< 0.050		
Arsenic	0.51	< 0.060		
Barium	0.51	< 2.0		
Beryllium	< 0.01	< 0.020		
Bismuth	0.13	< 2.0		
Cadmium	0.045	< 0.050		
Lead	0.01	< 0.60		
Mercury	0.19	< 0.80		
Platinum	< 0.003	< 0.005		
Thallium	< 0.001	< 0.002		
Thorium	< 0.001	< 0.002		
Uranium	0.028	< 0.060		
Nickel	0.08	< 0.30		
Silver	0.05	< 0.15		
Tin	0.03	< 0.30		
Titanium	0.37	< 0.70		
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	524	300- 1200					
Magnesium	24	35- 120					
Sodium	14	20- 250					
Potassium	4	8- 75					
Copper	9.0	11- 37					
Zinc	170	140- 220					
Manganese	0.06	0.08- 0.60					
Chromium	0.54	0.40- 0.65					
Vanadium	0.024	0.018- 0.065					
Molybdenum	0.085	0.020- 0.050					
Boron	0.27	0.25- 1.5					
Iodine	0.18	0.25- 1.8					
Lithium	0.005	0.007- 0.020					
Phosphorus	168	150- 220					
Selenium	0.74	0.55- 1.1					
Strontium	0.71	0.50- 7.6					
Sulfur	47200	44000- 50000					
Cobalt	0.005	0.005- 0.040					
Iron	17	7.0- 16					
Germanium	0.037	0.030- 0.040					
Rubidium	0.004	0.007- 0.096					
Zirconium	0.045	0.020- 0.42					

SPECIMEN DATA

COMMENTS:

Date Collected: Sample Size: **0.116 g**
 Date Received: 5/11/2010 Sample Type: **Head**
 Date Completed: 5/19/2010 Hair Color:
 Client Reference: **1229261** Treatment:
 Methodology: **ICP-MS** Shampoo:

V010.08

RATIOS

ELEMENTS	RATIOS	EXPECTED RANGE
Ca/Mg	21.8	4- 30
Ca/P	3.12	1- 12
Na/K	3.5	0.5- 10
Zn/Cu	18.9	4- 20
Zn/Cd	> 999	> 800

Health history for hair test 372

1) irritability, social anxiety, shyness, emotional flatness, apathy, no libido, inability to concentrate, lethargy, mental depression, withdrawal, suicidal thoughts, gluten ataxia, poor coordination, loosened teeth, excessive salivation, foul breath, metallic taste, frequent ringing in the ears, hearing without comprehension, speech impairment after consuming certain foods including gluten and casein, spaced out feeling after ingesting gluten or casein, allergies to milk, eggs, gluten, corn, nuts, citrus, buckwheat, glucose intolerance, foul smelling stools, low blood pressure upon standing, swinging body temperature changes - hot then cold, rare/lack of perspiration, sensory disturbances including extreme sensitivity to fluorescent lighting, hearing without comprehension, chronic fatigue, weight loss/thin profile, hypoglycemia in the morning, difficulty waking on a morning, seizures triggered by certain food or drink chemicals, twitching of facial muscles, eyelid spasms, easily tired when exercising, slow healing, indecisive, chemical sensitivity, carbohydrate food preference, bleeding gums, impatient, poor medication tolerance, negative symptoms after consuming foods high in thiols - there are probably more I can list but that is all I can remember right now.

2) First amalgam placed in 2001, a further 5 placed between 2001-2009.

3) I currently have 6 white composite fillings.

4) My mother had approximately 20 amalgam fillings during her pregnancy with myself.

5) I have had all of the scheduled vaccinations up until the age of 13 in 2001 including a few boosters. Had a few travel shots too as I frequently went on holiday between the age of 4 and 13.

6) 1 x 25,000 IU Vitamin A per day
2 x 400 IU Vitamin E per day,
2 x B50 complex per day
2 x Milk Thistle per day (providing 200mg of Silymarin per tablet)
1 x 1000mcg Molybdenum per day
2 x 10mg Vinpocetine per day
1 x 50mg Zinc per day
2 x 200mcg Chromium Picolinate per day (discontinued in the past few weeks)
4 x 20mg Forskolin per day
1 x 150mg Co-enzyme Q10 per day
2 x 2000mg Buffered Vitamin C powder per day
4 x 500mg L-Lysine per day
2 teaspoons of Nordic Naturals Omega 3 Oil per day

7) I have been chelating for the past 6 months. The first 3 months I chelated with 100mg of DMSA every four hours on a schedule of one week on one week off. For the past 3 months I have been chelating with both ALA and DMSA, 25mg of each every 3 hours on a schedule of 3 days on 4 days off.

8) Leeds, England, United Kingdom