

HAIR ELEMENTS



PATIENT: Number 201
SEX: Female
AGE: 29
LOCATION: Tzaneen, South Africa

POTENTIALLY TOXIC ELEMENTS				
TOXIC ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE	
			68 th	95 th
Aluminum	3.8	< 7.0		
Antimony	0.013	< 0.050		
Arsenic	0.025	< 0.060		
Beryllium	0.010	< 0.020		
Bismuth	0.005	< 2.0		
Cadmium	0.031	< 0.10		
Lead	0.14	< 1.0		
Mercury	< 0.03	< 1.1		
Platinum	< 0.003	< 0.005		
Thallium	< 0.001	< 0.010		
Thorium	< 0.001	< 0.005		
Uranium	0.12	< 0.060		
Nickel	0.20	< 0.40		
Silver	0.04	< 0.15		
Tin	0.10	< 0.30		
Titanium	0.46	< 1.0		
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	2020	300- 1200					
Magnesium	620	35- 120					
Sodium	70	12- 90					
Potassium	12	8- 38					
Copper	11	12- 35					
Zinc	240	140- 220					
Manganese	1.4	0.15- 0.65					
Chromium	0.35	0.20- 0.40					
Vanadium	0.043	0.018- 0.065					
Molybdenum	0.021	0.028- 0.056					
Boron	0.26	0.30- 2.0					
Iodine	0.33	0.25- 1.3					
Lithium	0.016	0.007- 0.023					
Phosphorus	142	160- 250					
Selenium	0.63	0.95- 1.7					
Strontium	5.8	0.50- 7.6					
Sulfur	45700	44500- 52000					
Barium	1.5	0.26- 3.0					
Cobalt	0.028	0.013- 0.050					
Iron	11	5.4- 14					
Germanium	0.037	0.045- 0.065					
Rubidium	0.010	0.007- 0.096					
Zirconium	0.037	0.020- 0.42					

SPECIMEN DATA				RATIOS		
COMMENTS:				ELEMENTS	RATIOS	EXPECTED RANGE
Date Collected: 7/29/2008	Sample Size: 0.204 g			Ca/Mg	3.26	4- 30
Date Received: 8/9/2008	Sample Type: Head			Ca/P	14.2	1- 12
Date Completed: 8/13/2008	Hair Color: Brown			Na/K	5.83	0.5- 10
	Treatment: Dye			Zn/Cu	21.8	4- 20
Methodology: ICP-MS	Shampoo: Treseme			Zn/Cd	> 999	> 800

V06.99

Hair Test history 201

1) What are your current symptoms and health history?

Current symptoms – urinate frequently and in night, abdomen pain, rib pain, back pain, neck, shoulder pain, exhaustion, stiff, weak, migraines up until 6th July 08, bleeding gums up until amalgam removal in July 2008, low BP – 89/59 – 96/62 average, inability to put weight on, Current weight 45kgs, height 5'7. Lost 10kgs in year 2007, social phobia, loss of confidence, cold extremities

Fibromyalgia started from neck strain in March 2003, diagnosed with fibromyalgia July 2006, believe CFS started from October 2006 deterioration ever since.

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

First amalgam etc...)

Wisdom teeth still in place although have been advised to remove them as they impacted, first amalgam – approx 2002 or before. Had one tooth removed in 2002 approx due to loose amalgam filling for 6 months. Had white fillings & fissure sealing as a child. Had 10 amalgam fillings in total. Have one root canal with composite (no metal)

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

Composite fillings – more than 10, one root canal using composite. Had all 10 amalgam fillings removed. 4 removed within 2 weeks of each other (with no precautions except high suction) in October 2006 and remaining 6 removed (with precautions rubber dam and IV Vit C drip under IV conscious sedation July 2008.

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

She remembers having teeth x-rays so prob had dental work but not sure what. Had lots of dental work after too. Also said every 6 months when she was a teenager it was routine to go to dentist every 6 months to get amalgams removed and then cleaned up and put back in at every appointment.

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

1999 - Tetanus & Diphtheria. 2005 - Hepatitis A & B, Typhoid, tetanus & diphtheria. No childhood vaccs.

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

Tramadol 50mg x 2 daily since 2006

Viridian Calc, mag, zinc in malic acid & Vit C 100g powder x 1 tsp at night

From 11th June 08 - High potency B complex x 2 a day

Viridian L-glutamine powder x 1 tsp am and pm

Vit C – started high dose 3g per day from 23rd June 2008

Bioharmony Thyroboost (kelp 100mg, L-tyrosine 250mg, gentian 50mg, garcinia cambogia 20mg per caps)– took 2 a day from 8th June – 16th July 08

Organiflax Flax seed oil capsules 2g per day

From 23rd June 08 – started Digestive Aid with meals, Probiotics twice a day, Co-enzyme Q 10 30mg 3 x day,

19th June – 16th July 08 – Cordyceps 1 a day

10th July - 31st July 08 Herbal drops – Detox, Milk Thistle & dandelion, BWC 2-3 times a day

7) Other information you feel may be relevant?

After having 2 amalgams removed in 2006 I developed high anxiety the day after and was told by a homeopath that it was mercury poisoning. She put me on DMSA for approx 1 month & a course of 8 vitamin & mineral drips even though I still had amalgams!

I use epsom salts regulalry in bath so wonder if that may affect the magnesium result.

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

Tzaneen, South Africa since Feb 2006 but lived in Yeovil, England 4 yrs previous. Lived in Thamesmead, London 2 yrs previous to that, Lived in Portsmouth, England most of my life.