

Test nr.

Patient Name

Patient nr.

Age 39

Sex

Doctor Name

Practitioner Address

## HAIR ELEMENTS

### POTENTIALLY TOXIC ELEMENTS

TOXIC ELEMENTS	RESULT µg/g	REFERENCE RANGE	PERCENTILE		
			68 <sup>th</sup>	95 <sup>th</sup>	
Aluminum	3.8	< 7.0			
Antimony	0.010	< 0.050	●		
Arsenic	0.034	< 0.060			
Barium	0.36	< 2.0			
Beryllium	< 0.01	< 0.020			
Bismuth	0.017	< 2.0	●		
Cadmium	< 0.009	< 0.050			
Lead	0.08	< 0.60			
Mercury	0.86	< 0.80			
Platinum	< 0.003	< 0.005			
Thallium	0.001	< 0.002	●		
Thorium	< 0.001	< 0.002			
Uranium	0.025	< 0.060			
Nickel	0.13	< 0.30			
Silver	0.09	< 0.15			
Tin	0.07	< 0.30			
Titanium	0.41	< 0.70			
Total Toxic Representation					

### ESSENTIAL AND OTHER ELEMENTS

ELEMENTS	RESULT µg/g	REFERENCE RANGE	PERCENTILE					
			2.5 <sup>th</sup>	16 <sup>th</sup>	50 <sup>th</sup>	84 <sup>th</sup>	97.5 <sup>th</sup>	
Calcium	358	300- 1200						
Magnesium	79	35- 120						
Sodium	2	20- 250						
Potassium	< 3	8- 75						
Copper	11	11- 37						
Zinc	190	140- 220						
Manganese	0.09	0.08- 0.60						
Chromium	0.37	0.40- 0.65						
Vanadium	0.051	0.018- 0.065						
Molybdenum	0.031	0.020- 0.050						
Boron	0.30	0.25- 1.5						
Iodine	0.44	0.25- 1.8						
Lithium	< 0.004	0.007- 0.020						
Phosphorus	167	150- 220						
Selenium	0.77	0.55- 1.1						
Strontium	1.9	0.50- 7.6						
Sulfur	49400	44000- 50000						
Cobalt	0.003	0.005- 0.040						
Iron	5.8	7.0- 16						
Germanium	0.022	0.030- 0.040						
Rubidium	< 0.003	0.007- 0.096						
Zirconium	0.023	0.020- 0.42						

### SPECIMEN DATA

**COMMENTS:**

Date Collected: 8/31/2010

Date Received: 9/16/2010

Date Completed: 9/17/2010

Client Reference: 3496

Methodology: ICP-MS

Sample Size: 0.202 g

Sample Type: Head

Hair Color: Brown

 Treatment:  
Shampoo: Sebastian 0830  
V010.08

### RATIOS

ELEMENTS	RATIOS	EXPECTED RANGE
Ca/Mg	4.53	4- 30
Ca/P	2.14	1- 12
Na/K	0.667	0.5- 10
Zn/Cu	17.3	4- 20
Zn/Cd	> 999	> 800

## Health history hair test 577

- 1. What are your current symptoms and health history?**
  1. Fatigue, dysthymia, memory reduction, concentration and focus issues, general lack of motivation, feelings of hopelessness etc.
- 2. Dental history (Wisdom teeth removed and when? Any other extractions. First root canal placed? Braces? First amalgam etc...)**
  1. Don't remember when my first fillings were placed (I am guessing age 12-14), recently removed all 9 amalgams (summer of 2011)
- 3. What dental work do you currently have in place? What part of the dental clean-up have you completed?**
  1. Only composites
- 4. What dentistry did your mother have at any time before or during pregnancy?**
  1. I believe most of her current amalgams were in place – I would guess somewhere in the area of 10 -15.
- 5. What vaccinations have you had and when (including flu and especially travel shots)?**
  1. Normal childrens vaccination program, vaccines for a trip to Vietnam.
- 6. Supplements and medications (including dosages) taken at time of hair test, or for the 3-6 months before the sample was taken?**
  1. C (3000mg), B12 1000 IU, Omega 3 (3 gr), Niacin (2 grms), Zinc (60 mg), E (400mg), GLA (1000 mg), Cal/Mag (300/600), Mag (chelate, orotate 500mg), P5P 50 mg
- 7. What is your age, height and weight?**
  1. 40, 170 cm, 78 kg
- 8. Other information you feel may be relevant?**
- 9. What is your location – city & country (so that we can learn where certain toxins are more prevalent).**
  1. Northern Europe (Oslo, Stockholm, Copenhagen, Zurich, Hamburg, Wiesbaden)