

HAIR ELEMENTS

POTENTIALLY TOXIC ELEMENTS

TOXIC ELEMENTS	RESULT µg/g	REFERENCE RANGE	PERCENTILE	
			68 th	95 th
Aluminum	7.8	< 7.0	████████████████████	
Antimony	0.014	< 0.050	████████	
Arsenic	0.050	< 0.060	████████████████████	
Barium	0.37	< 2.0	████████	
Beryllium	< 0.01	< 0.020		
Bismuth	2.4	< 2.0	████████████████████	
Cadmium	0.015	< 0.050	████████	
Lead	0.55	< 0.60	████████████████████	
Mercury	0.51	< 0.80	████████████████████	
Platinum	< 0.003	< 0.005		
Thallium	< 0.001	< 0.002		
Thorium	0.001	< 0.002	████████	
Uranium	0.023	< 0.060	████████████████████	
Nickel	0.06	< 0.30	████████	
Silver	0.17	< 0.15	████████████████████	
Tin	0.26	< 0.30	████████████████████	
Titanium	1.4	< 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	522	300 - 1200			████████████████████		
Magnesium	30	35 - 120		████████████████████			
Sodium	360	20 - 250			████████████████████		
Potassium	150	8 - 75			████████████████████		
Copper	29	11 - 37			████████████████████		
Zinc	150	140 - 220		████████████████████			
Manganese	0.50	0.08 - 0.60			████████████████████		
Chromium	0.47	0.40 - 0.65			████████████████████		
Vanadium	0.027	0.018 - 0.065			████████████████████		
Molybdenum	0.049	0.020 - 0.050			████████████████████		
Boron	0.73	0.25 - 1.5			████████		
Iodine	0.19	0.25 - 1.8		████████████████████			
Lithium	< 0.004	0.007 - 0.020	████████████████████				
Phosphorus	289	150 - 220			████████████████████		
Selenium	1.0	0.55 - 1.1			████████████████████		
Strontium	0.57	0.50 - 7.6		████████████████████			
Sulfur	46800	44000 - 50000			████████		
Cobalt	0.007	0.005 - 0.040			████████████████████		
Iron	7.8	7.0 - 16		████████████████████			
Germanium	0.023	0.030 - 0.040	████████████████████				
Rubidium	0.098	0.007 - 0.096			████████████████████		
Zirconium	0.007	0.020 - 0.42	████████████████████				

SPECIMEN DATA

COMMENTS: Mixed Hair Sample-Reference Ranges may not apply

Date Collected: 6/4/2011 Sample Size: 0.201 g
 Date Received: 6/13/2011 Sample Type: Head
 Date Completed: 6/28/2011 Hair Color: Brown
 Client Reference: 6030 Treatment:
 Methodology: ICP-MS Shampoo:

RATIOS

ELEMENTS	RATIOS	EXPECTED RANGE
Ca/Mg	17.4	4 - 30
Ca/P	1.81	1 - 12
Na/K	2.4	0.5 - 10
Zn/Cu	5.17	4 - 20
Zn/Cd	> 999	> 800

Health history for hair test 743

1. Current symptoms and health story:

Short story: I have had treatment for mercury poisoning over several years – (the fillings were removed about 13 years ago) and gained improvement in my condition, especially in regard to the nervous system and some allergies.

Diagnosed with over methylation in 2011.

Have identified and had treatment for parasit and bacteria.

Current symptoms:

Lack of energy escalating during the day/evening – fatigue – and problems to rest and recharge new energy.

Skin disorder: cutaneous mastocytoses/ urticaria pigmentosa

Dry skin, covernous nails, pigmentation changes, bad skin

Chronic systemic candida

Constipation issues

According to a test: low amount of beneficial bacteria in the microflora despite regulary ingestion over many years.

Malabsortion – challenges with the digestion of (Subcutaneous) fat, underweight

Lack of zink, D, (vitamin and minerals based on fat)

Problems with swollen legs – (very heavy at the bottom, and very light at the upper body.)

Small scars in the face appears without identified reason

Small ulcers may appear in the skin without identified reason

Lever detox appear to not be working correctly. Did not tolerate liver flush; resulted in costipation, extremly swollen legs (may be problems with the absorption of the amount of olive oil (fat) included in this regime.

Frequently darc sircles under the eyes.

Low level of hormones: DHEA and Testoseron (have had supplement over a long period with DHEA – no significant effect)

Adrenal glands issues.

Inflammation reactions – red skin, warmth . Intolerance for curcumin supplements; result after intake: "hangover feeling and exhaustion for 4-5 days. Then 1 day good improvement.

Swollen face.

Often tendency towards bleeding gums.

Experience periods of massive hair loss.

Cold hands and feet.

High puls.

"Runny nose"

Tendency towards racing mind, loss of concentration (methylation).

Protein intolerance,

Leaky gut syndrome

Tendency: Apperance of cysts in the tissue

Dry feeling eyes, dry hair, dry skin

I do not tolerate betaine hcl – it leads to regurgitation for some reason.

Sensetive to certain foods and medicines.

Lack of enzymes – intake supplements.

2. Dental history:

First amalgam fillings at the age of 4; seven fillings!

First sign of toxicity at the age of 12.

Removed all amalgam fillings ,about 6, at the age of 25 with safty precautions at the dentist.

I have been checked for dental cavitation last year, and removed one just in case – but no "change/improvement" noted.

I also had braces as adult, at the age of 22, and currently have a small metall "line" to keep this in place, and notice no problems with that. I also removed all wisom teeths just before having braces.

3. I currently only have plastic fillings, and that works fine. I have not had any new dental work done the last 13 years (I go regulary to the dentist).

4. My mother also have amalgam fillings, but did not have any work done during pregnancy.

5. I have only traveled in Europe, and not had any travel shots.

6. Medicines and supplements taken 3-6 months before the hair analysis:

(I do not note the length of the intake here, as this diversifies)

Biosil

Probiotics

Spirulina

ALA (Alfa lipoic acid (no tolerance!!))

DMSA

Magnesium

Ultra Clear Plus (Vitamin/mineral mix)

Zinc

Vitamin D3 (1000IE)

Cortef (5 mg. + 2,5 mg daily)

Pregnenolon

DHEA 25 mg

Armour

Kelp

Enzymes

7. Age: 38

Height: 1,71 M.

Weight: 54 kilos

9. I live in Oslo, Norway.