



# Anamol

Laboratories

Analyzed by Doctor's Data, Inc.

## Hair Mineral Analysis

Client #: Doctor:	Lab #: Name: I Sex: <b>Female</b> Age: <b>57</b>	Hair Location: <b>Head</b> Sample Size: <b>0.2 g</b> Hair Colour: <b>Brown</b> Shampoo: <b>Earth Science</b> Treatment: <b>Dye</b>	Date Collected: 09/26/2013 Date In: 10/07/2013 Date Out: 10/10/2013 Methodology: ICP-MS
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Toxic Elements	Results (µg/g)	Ref Range	Within Range	Above Range	
Aluminum	1.8	< 7.0			Al
Antimony	< 0.01	< 0.050			Sb
Arsenic	0.014	< 0.060			As
Barium	1.0	< 2.0			Ba
Beryllium	< 0.01	< 0.020			Be
Bismuth	0.91	< 2.0			Bi
Cadmium	0.027	< 0.050			Cd
Lead	0.12	< 0.60			Pb
Mercury	0.38	< 0.80			Hg
Platinum	< 0.003	< 0.005			Pt
Thallium	< 0.001	< 0.002			Tl
Thorium	< 0.001	< 0.002			Th

Nutritional Elements	Results (µg/g)	Ref Range	Below Range	50 <sup>th</sup> Percentile	Above Range	
Boron	1.7	0.25- 1.5				B
Calcium	569	300- 1200				Ca
Chromium	0.31	0.40- 0.65				Cr
Copper	9.7	11- 37				Cu
Iron	8.0	7.0- 16				Fe
Magnesium	140	35- 120				Mg
Manganese	0.14	0.08- 0.60				Mn
Molybdenum	0.016	0.020- 0.050				Mo
Phosphorus	163	150- 220				P
Potassium	5	8- 75				K
Rubidium	0.015	0.007- 0.096				Rb
Sulfur	46300	44000- 50000				S
Selenium	0.51	0.55- 1.1				Se
Sodium	10	20- 250				Na
Strontium	1.8	0.50- 7.6				Sr
Zinc	160	140- 220				Zn

\* <dl = Less than Detection Limit

Comments:

v10.08

Potentially Toxic Elements	Results (µg/g)	Ref Range		Other Elements	Results (µg/g)	Ref Range		Significant Ratios	Results	Ref Range
Nickel	0.10	< 0.30	Ni	Cobalt	0.007	0.005- 0.040	Co	Ca:Mg	4.06	4- 30
Silver	0.58	< 0.15	Ag	Germanium	0.019	0.030- 0.040	Ge	Fe:Cu	0.825	.15-1.2
Tin	0.09	< 0.30	Sn	Iodine	0.31	0.25- 1.8	I	Na:K	2	0.5- 10
Titanium	0.50	< 0.70	Ti	Lithium	< 0.004	0.007- 0.020	Li	Zn:Cu	16.5	4- 20
Uranium	0.002	< 0.060	U	Vanadium	0.023	0.018- 0.065	V	Zn:Cd	> 999	> 800
				Zirconium	0.026	0.020- 0.42	Zr			

## **Health history for hair test 868**

**Current symptoms and health history:** environmental sensitivities (very sensitive to new carpets, scents, photocopy fumes, latex, car exhaust), headaches, fatigue, brain fog. I first became ill about 17 years ago when my work had sewage problems and they treated the sewage water in the bottom of the elevators with a pine scented chemical. At the same time that the sewage problem occurred, there was a problem with the ventilation and the offices were not getting any newly circulating air from outside.

At that time, I was off work for about 2 months with severe migraine and fatigue. Then I went back to work, but had to be very careful about perfumes, photocopy fumes, and exhaust.

About 2 years ago, my work installed a new carpet and I developed severe migraines. Due to the sensitivity to the carpet, I worked at home for the last 2 years, but gradually became worse to the point where I can no longer work. I also developed sensitivity to a latex mattress that I was sleeping on.

I had severe anemia about 7 years ago and I am now able to keep iron levels normal by adhering to the SCDiet.

**Dental history** – I had one tooth removed, as a child and then had braces to align my teeth. I have had 3 crowns and one root canal.

**What dental work do you currently have in place?** I had all of my amalgams removed about 10 years ago.

**Vaccinations and travel shots:** I was vaccinated as child and received travel shots about 35 years ago.

**Supplements/medication and dosage at time of hair test and 3 - 6 months prior:** For the last 6 months, I have been taking Vit C 4 g/day, magnesium 3.75 g/day; NAC 500 mg/day; taurine 100 mg/day; TMG 4 g/day; Zinc 80 mg/day; Age, height and weight: 57 yrs; 5'5"; 105 lbs

**Location (city and country):** Ottawa, Ontario