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Date of Collection: 23-Apr-2016 Sample Received: 27-Apr-2016 Reported Date: 05-May-2016 Sample Type: Scalp hair

Hair Element Analysis

Accession #: 515287

Gender: F

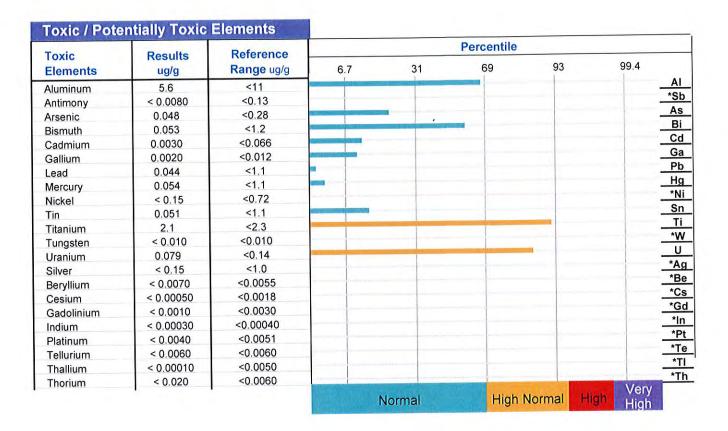
Date of Birth: 22-Jan-1967

Age: 49

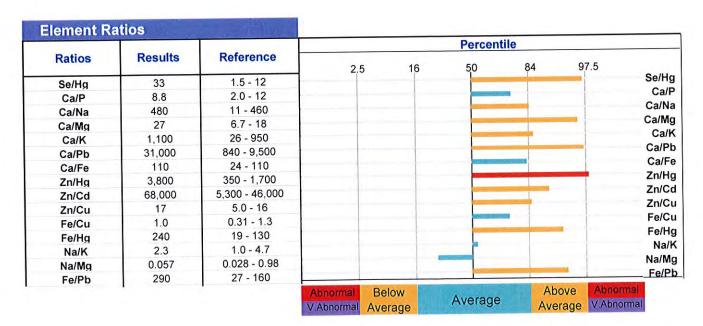
Essential / Non-Toxic Elements Percentile Essential Reference Results 97.5 16 50 84 Elements Range ug/g 2.5 ug/g Ca 300 - 1,700 1,400 Calcium Mg 26 - 140 Magnesium 50 Na 2.9 2.5 - 43Sodium K 1.3 - 211.2 Potassium Cu 11 - 36 12 Copper Zn 200 150 - 230 Zinc Mn 0.032 0.073 - 0.49Manganese Cr 0.035 - 0.140.062 Chromium V 0.0035 - 0.0220.010 Vanadium Мо 0.019 - 0.040Molybdenum 0.023 *B 0.12 - 1.0 < 0.12 Boron Si 270 - 470 390 Silicon Li 0.0016 - 0.011 Lithium 0.045 P 150 120 - 190 Phosphorus Se 0.72 - 1.61.8 Selenium Sr 0.73 - 4.8Strontium 1.7 S 43,000 - 53,000 50.000 Sulfur Ba Barium 0.68 0.31 - 2.3Co 0.0037 - 0.032 0.010 Cobalt Fe 9.6 - 1813 Iron *Ge 0.0025 - 0.0064 Germanium < 0.0020 Rb 0.0020 0.0020 - 0.022Rubidium Zr 0.45 0.080 - 1.1Zirconium Abnormal Above Below Abnormal Average V.Abnormal Average V.Abnormal Average

NOTE: Our interpretation follows the system developed by Andrew Hall Cutler PhD, which requires consideration of the overall distribution pattern for essential elements as a first step in the interpretation of the results. If the essential element distribution pattern is statistically normal, then both toxic and essential element results can usually be taken at face value. If the essential elements results exhibit a statistically improbable distribution pattern, this suggests heavy metal toxicity or some other interfering process. The interpretation comments starting on page 3 state whether the essential element graph above fits a statistically normal or statistically unlikely distribution pattern.

^{*} Result lies below detection limit (DL is at right end of bar)



^{*} Result lies below detection limit



Hair Test 1191

1. What are your current symptoms and health history?

Symtoms: fatigue, high cortisol, stressed hpa-axis, hashimoto's, hypothyroid,

2. Dental history (Wisdom teeth removed and when? Any other extractions. First root canal placed? Braces? First amalgam etc...)

History: 5-6 Amalgams placed as a child/teen. Wisdom teeth removed at the age of 26. Root canal placed at age of 26. Amalgams removed with no precautions in 2007 at the age of 40 only 4-5 were removed leaving one in place. In 2016 at age of 49 last amalgam removed with proper precautions.

3. What dental work do you currently have in place? What part of the dental clean-up have you completed?

All amalgams replaced with composite. One root canal still in place.

- **4.** What dentistry did your mother have at any time before or during pregnancy? Mother had amalgams in place while pregnant.
- 5. What vaccinations have you had and when (including flu and especially travel shots)?

No flu shots, no travel shots. Have had tetnus shot. Have had all vaccinations as a child. Not sure what precise shots I have had.

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

Medications; Natural Dessicated Thyroid 120mg daily, Testosterone cream, Progesterone Cream, DHEA 5mg, Cytomel 25mg, Low Dose Naltrexone 2mg,

Supplements: Zinc 50mg, Selenium, B 100 complex, Milk Thistle, Vitamin C, Vitamin E, B12, DIM, Stinging Nettle Root, Adrenal Glandular, Cordyceps,

7. What is your age, height and weight?

Age: 49, Height: 5'6", Weight: 136

- **8.** Other information you feel may be relevant? Can't figure out how to fix adrenal issues. No Medication or supplements help me to feel better.
- 9. What is your location city & country (so that we can learn where certain toxins are more prevalent).

First 30 years in Hamilton Ontario Canada and various locations in Southern Ontario. From the age of 30-49 in Calgary Alberta Canada