

| Toxic Elements | Results (µg/g) | Ref Range | Range | | | |
|----------------|----------------|-----------|--------------|-------------|--|----|
| | | | Within Range | Above Range | | |
| Aluminum | 2.2 | < 7.0 | | | | Al |
| Antimony | 0.016 | < 0.050 | | | | Sb |
| Arsenic | 0.022 | < 0.060 | | | | As |
| Barium | 1.2 | < 2.0 | | | | Ba |
| Beryllium | < 0.01 | < 0.020 | | | | Be |
| Bismuth | 0.013 | < 2.0 | | | | Bi |
| Cadmium | 0.056 | < 0.050 | | | | Cd |
| Lead | 0.11 | < 0.60 | | | | Pb |
| Mercury | 0.25 | < 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 | Range | | | |
|----------------------|----------------|---------------|-------------|-----------------------------|-------------|----|
| | | | Below Range | 50 th Percentile | Above Range | |
| Boron | 1.1 | 0.25 - 1.5 | | | | B |
| Calcium | 1140 | 300 - 1200 | | | | Ca |
| Chromium | 0.32 | 0.40 - 0.65 | | | | Cr |
| Copper | 12 | 11 - 37 | | | | Cu |
| Iron | 7.1 | 7.0 - 16 | | | | Fe |
| Magnesium | 120 | 35 - 120 | | | | Mg |
| Manganese | 0.19 | 0.08 - 0.60 | | | | Mn |
| Molybdenum | 0.033 | 0.020 - 0.050 | | | | Mo |
| Phosphorus | 193 | 150 - 220 | | | | P |
| Potassium | 72 | 8 - 75 | | | | K |
| Rubidium | 0.088 | 0.007 - 0.096 | | | | Rb |
| Sulfur | 47400 | 44000 - 50000 | | | | S |
| Selenium | 0.79 | 0.55 - 1.1 | | | | Se |
| Sodium | 150 | 20 - 250 | | | | Na |
| Strontium | 4.7 | 0.50 - 7.6 | | | | Sr |
| Zinc | 150 | 140 - 220 | | | | Zn |

* <dl = Less than Detection Limit Comments: v10.08

| Potentially Toxic Elements | Results (µg/g) | Ref Range | |
|----------------------------|----------------|-----------|----|
| Nickel | 0.28 | < 0.30 | Ni |
| Silver | 0.04 | < 0.15 | Ag |
| Tin | 0.37 | < 0.30 | Sn |
| Titanium | 0.53 | < 0.70 | Ti |
| Uranium | 0.013 | < 0.060 | U |

| Other Elements | Results (µg/g) | Ref Range | |
|----------------|----------------|---------------|----|
| Cobalt | 0.015 | 0.005 - 0.040 | Co |
| Germanium | 0.031 | 0.030 - 0.040 | Ge |
| Iodine | 0.27 | 0.25 - 1.8 | I |
| Lithium | < 0.004 | 0.007 - 0.020 | Li |
| Vanadium | 0.017 | 0.018 - 0.065 | V |
| Zirconium | 0.49 | 0.020 - 0.42 | Zr |

| Significant Ratios | Results | Ref Range |
|--------------------|---------|-----------|
| Ca:Mg | 9.5 | 4 - 30 |
| Fe:Cu | 0.592 | .15 - 1.2 |
| Na:K | 2.08 | 0.5 - 10 |
| Zn:Cu | 12.5 | 4 - 20 |
| Zn:Cd | > 999 | > 800 |

Health history for hair test 443

1. What are your current symptoms and health history?--**CANDIDA....LEAKY GUTT...-LOW BLOOD SUGAR--INSOMNIA--LOW BLOOD PRESSURE**
2. Dental history (Wisdom teeth removed and when? Any other extractions. First root canal placed? Braces? First amalgam etc...)--**NO WISDOM TEETH REMOVED--NO ROOT CANALS--FIRST AMALGAM 15 YEARS OLD.**
3. What dental work do you currently have in place? What part of the dental clean-up have you completed?--**ALL AMALGAMS REMOVED (IMPROPERLY) 6 YEARS AGO--REPLACED WITH WHITE COMPOSITE**
4. What dentistry did your mother have at any time before or during pregnancy?-
5. What vaccinations have you had and when (including flu and especially travel shots)?--**BOOSTER SHOTS AT A YOUNG AGE--NO FLU VACCINATIONS**
6. Supplements and medications (including dosages) taken at time of hair test, or for the 3-6 months before the sample was taken?--**NO SUPPLEMENTS AND MEDICATIONS TAKEN BEFORE SAMPLE WAS TAKEN**
7. What is your age, height and weight?--**38 YEARS OF AGE--5 FOOT 2--120LBS**
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).--**TORONTO, ONT. CANADA**