

SEX: Male
AGE: 8

Toxic & Essential Elements; Hair

| TOXIC METALS | | | |
|----------------------------|----------------|-----------------------|---|
| | RESULT µg/g | REFERENCE INTERVAL | PERCENTILE 68 th 95 th |
| Aluminum (Al) | 3.9 | < 8.0 | |
| Antimony (Sb) | 0.011 | < 0.066 | |
| Arsenic (As) | 0.052 | < 0.080 | |
| Barium (Ba) | 1.3 | < 0.75 | |
| Beryllium (Be) | < 0.01 | < 0.020 | |
| Bismuth (Bi) | 0.010 | < 2.0 | |
| Cadmium (Cd) | 0.010 | < 0.070 | |
| Lead (Pb) | 0.34 | < 1.0 | |
| Mercury (Hg) | 0.40 | < 0.40 | |
| Platinum (Pt) | < 0.003 | < 0.005 | |
| Thallium (Tl) | < 0.001 | < 0.002 | |
| Thorium (Th) | 0.001 | < 0.002 | |
| Uranium (U) | 0.001 | < 0.060 | |
| Nickel (Ni) | 0.12 | < 0.20 | |
| Silver (Ag) | 0.08 | < 0.14 | |
| Tin (Sn) | 0.10 | < 0.30 | |
| Titanium (Ti) | 0.34 | < 0.70 | |
| Total Toxic Representation | | | |

| ESSENTIAL AND OTHER ELEMENTS | | | |
|------------------------------|----------------|-----------------------|---|
| | RESULT µg/g | REFERENCE INTERVAL | PERCENTILE 2.5 th 16 th 50 th 84 th 97.5 th |
| Calcium (Ca) | 394 | 160- 500 | |
| Magnesium (Mg) | 34 | 12- 50 | |
| Sodium (Na) | 79 | 20- 200 | |
| Potassium (K) | 23 | 12- 140 | |
| Copper (Cu) | 120 | 11- 32 | |
| Zinc (Zn) | 240 | 110- 190 | |
| Manganese (Mn) | 1.1 | 0.08- 0.50 | |
| Chromium (Cr) | 0.39 | 0.40- 0.70 | |
| Vanadium (V) | 0.040 | 0.025- 0.10 | |
| Molybdenum (Mo) | 0.041 | 0.040- 0.090 | |
| Boron (B) | 1.4 | 0.50- 3.5 | |
| Iodine (I) | 0.90 | 0.25- 1.3 | |
| Lithium (Li) | 0.008 | 0.007- 0.020 | |
| Phosphorus (P) | 160 | 150- 220 | |
| Selenium (Se) | 0.69 | 0.70- 1.1 | |
| Strontium (Sr) | 4.4 | 0.21- 2.1 | |
| Sulfur (S) | 46700 | 44000- 51000 | |
| Cobalt (Co) | 0.010 | 0.004- 0.020 | |
| Iron (Fe) | 64 | 7.0- 16 | |
| Germanium (Ge) | 0.035 | 0.030- 0.040 | |
| Rubidium (Rb) | 0.037 | 0.008- 0.080 | |
| Zirconium (Zr) | 0.17 | 0.060- 0.70 | |

| SPECIMEN DATA | | RATIOS | | |
|----------------------------|----------------------|----------|--------|---------|
| COMMENTS: | | ELEMENTS | RATIOS | RANGE |
| Date Collected: 06/08/2014 | Sample Size: 0.197 g | Ca/Mg | 11.6 | 4- 30 |
| Date Received: 06/11/2014 | Sample Type: Head | Ca/P | 2.46 | 0.8- 8 |
| Date Completed: 06/12/2014 | Hair Color: | Na/K | 3.43 | 0.5- 10 |
| Methodology: ICP/MS | Treatment: | Zn/Cu | 2 | 4- 20 |
| | Shampoo: | Zn/Cd | > 999 | > 800 |

Health history for hair test 990

1. What are your current symptoms and health history?

Hyper, wonder too much, last year use to stay sick all the time but this year only once... Has mind autism... Good with math but no comprehension... 2 seconds attention span... Constipated all the time... Speech delay big time compare to peer... At age 3 could able to write 1 to 100 and A to Z but could not speak... And at 4 could read "mom" and "dad" but could not connect us with mom and dad until at 5... He has mood swing, unexpected laughing for no reason... He follow command 50% of time... He can read book but can't say what he just read...

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

None

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

None

4. What dentistry did your mother have at any time before or during pregnancy?

None

5. What vaccinations have you had and when (including flu and especially travel shots)?

All schedule vaccination.... Flu shot [nov 10, 2014](#)

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

Trienzye Two tablets before food

Zinc. 15 mg

Super nu-Thera 1 in morning 1 at night

Viatmin c buffed - 700 mg per day

Viatmin d 1000 iu per day

7. What is your age, height and weight?

Age 8 will be 9 in [October 15](#). Height 49. Weight 49

8. Other information you feel may be relevant?

He has slight brown hair.... Everyone in the house including my younger child has black hair

9. What is your location – city & country (so that we can learn where certain toxins are more prevalent).

Cleveland, Mississippi, USA