

**Ordering Physician:**  
**Direct Laboratory Services**  
**Referring Laboratory**

**4040 Florida St**  
**Ste 101**  
**Mandeville, LA 70448**

Accession #:   
 Reference #:   
 Patient:   
 Date of Birth: 11/09/2003   
 Age:   
 Sex: Male   
 Reprinted:   
 Comment:

Date Collected: 06/02/2013   
 Date Received: 06/07/2013   
 Date of Report: 06/17/2013   
 Telephone:   
 Fax:



**0020 Nutrient & Toxic Elements Profile - Hair**

Methodology: Inductively Coupled Plasma/Mass Spectrometry

Results mcg/gm Quintile Ranking 95% Reference Range

| 1st | 2nd | 3rd | 4th | 5th |

**Highly Toxic Heavy Metals**

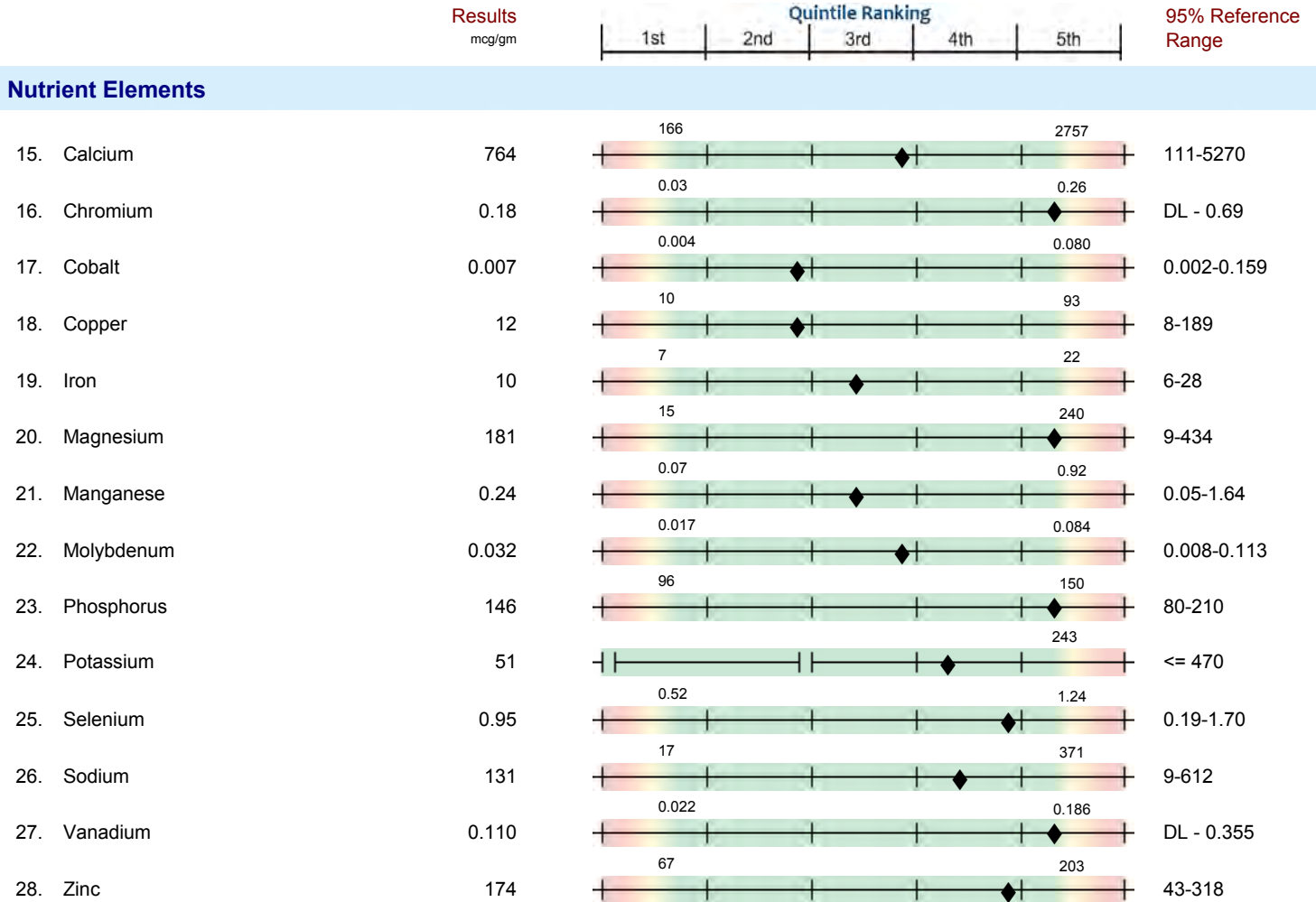
Element	Results (mcg/gm)	Quintile Ranking	95% Reference Range
1. Aluminum	3.9	3rd	<= 29.6
2. Arsenic	<DL*	1st	<= 0.15
3. Beryllium	<DL*	1st	< DL
4. Cadmium	0.058	3rd	<= 0.389
5. Lead	0.19	2nd	<= 7.61
6. Mercury	<DL*	1st	<= 2.42
7. Thallium	<DL*	1st	<= 0.0009

**Potentially Toxic Elements**

Element	Results (mcg/gm)	Quintile Ranking	95% Reference Range
8. Antimony	0.015	3rd	<= 0.206
9. Barium	2.7 <b>H</b>	4th	<= 6.2
10. Bismuth	0.17 <b>H</b>	4th	<= 0.42
11. Tin	0.09	2nd	<= 2.44
12. Titanium	1.75 <b>H</b>	4th	<= 3.31
13. Tungsten	<DL*	1st	<= 0.014
14. Uranium	0.012	3rd	<= 0.147

## 0020 Nutrient & Toxic Elements Profile - Hair

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Results  
mcg/gm

Quintile Ranking

	1st	2nd	3rd	4th	5th	
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95% Reference Range

### Elements of Unknown Human Requirement

Element	Results (mcg/gm)	Quintile Ranking	95% Reference Range
29. Boron	5.7	0.5 — 8.3	0.4-23.7
30. Lithium	0.048	0.007 — 0.069	0.004-0.113
31. Nickel	0.44	0.06 — 3.77	0.03-7.42
32. Strontium	6.0	0.3 — 8.9	0.2-17.5
33. Zirconium	0.21	— 1.29	<= 1.69

Hair Dry Weight = 0.359 gm

\*<DL = less than detection limit

\*\*>LIN = greater than linearity (highest reportable value)

## Health history for hair test 805

### 1) What are your current symptoms and health history?

My son's problems started with mold exposure. He developed asthma symptoms, anxiety and lack of motivation. He followed treatment with an ND as well as eliminated mold exposure. Asthma attacks have gone, but he still has trouble with constantly clearing his throat. He has trouble with yeast, food intolerances, lack of motivation, brain fog, trouble settling down to sleep, some chemical sensitivities, dark circles under eyes.

### 2) Dental history (wisdom teeth removed? First root canal placed? Braces? First amalgam etc...)

No fillings or dental work.

### 3) What dental work do you currently have in place? What part of the dental cleanup have you completed?

None

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

Mother had a lot of amalgam placed sometime before pregnancy or during breastfeeding--can't remember.

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

He had all regular vaccinations given. No flu shots.

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

Was taking Cholestyramine for mold, no longer taking

Was also taking Pekana Basic Detoxification & Drainage Kit (homeopathic) we've stopped

Took Kids One Multivitamin, until I read about copper

Takes Arctic Cod Liver Oil, 1 softgel per day

Nature's Plus Vitamin C, 1 per day or more

Milk Thistle, 4x per day

probiotic 1x per day

### 7) Other information you feel may be relevant?

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

Woodland, CA