

# HAIR ELEMENTS



**PATIENT: Number 362**  
**SEX: Male**  
**AGE: 56**  
**LOCATION: Idabel, Oklahoma, Mccurtain**

## POTENTIALLY TOXIC ELEMENTS

TOXIC ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE	
			68 <sup>th</sup>	95 <sup>th</sup>
Aluminum	34	< 12	[Bar chart showing result at 68th percentile]	
Antimony	0.53	< 0.080	[Bar chart showing result at 68th percentile]	
Arsenic	0.38	< 0.12	[Bar chart showing result at 68th percentile]	
Barium	1.6	< 1.5	[Bar chart showing result at 68th percentile]	
Beryllium	< 0.01	< 0.020	[Bar chart showing result at 68th percentile]	
Bismuth	0.059	< 2.0	[Bar chart showing result at 68th percentile]	
Cadmium	1.9	< 0.065	[Bar chart showing result at 68th percentile]	
Lead	24	< 1.5	[Bar chart showing result at 68th percentile]	
Mercury	0.03	< 0.80	[Bar chart showing result at 68th percentile]	
Platinum	< 0.003	< 0.005	[Bar chart showing result at 68th percentile]	
Thallium	< 0.001	< 0.002	[Bar chart showing result at 68th percentile]	
Thorium	0.005	< 0.002	[Bar chart showing result at 68th percentile]	
Uranium	0.007	< 0.060	[Bar chart showing result at 68th percentile]	
Nickel	1.2	< 0.40	[Bar chart showing result at 68th percentile]	
Silver	0.12	< 0.10	[Bar chart showing result at 68th percentile]	
Tin	0.56	< 0.30	[Bar chart showing result at 68th percentile]	
Titanium	1.5	< 0.70	[Bar chart showing result at 68th percentile]	
Total Toxic Representation				

## ESSENTIAL AND OTHER ELEMENTS

ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE				
			2.5 <sup>th</sup>	16 <sup>th</sup>	50 <sup>th</sup>	84 <sup>th</sup>	97.5 <sup>th</sup>
Calcium	428	375- 1100	[Bar chart showing result between 16th and 50th percentiles]				
Magnesium	37	40- 140	[Bar chart showing result between 16th and 50th percentiles]				
Sodium	75	60- 400	[Bar chart showing result between 16th and 50th percentiles]				
Potassium	50	28- 160	[Bar chart showing result between 16th and 50th percentiles]				
Copper	45	11- 32	[Bar chart showing result between 16th and 50th percentiles]				
Zinc	160	120- 200	[Bar chart showing result between 16th and 50th percentiles]				
Manganese	5.3	0.15- 0.65	[Bar chart showing result between 16th and 50th percentiles]				
Chromium	0.97	0.40- 0.70	[Bar chart showing result between 16th and 50th percentiles]				
Vanadium	0.13	0.018- 0.065	[Bar chart showing result between 16th and 50th percentiles]				
Molybdenum	0.17	0.040- 0.080	[Bar chart showing result between 16th and 50th percentiles]				
Boron	10	0.40- 2.5	[Bar chart showing result between 16th and 50th percentiles]				
Iodine	1.0	0.25- 1.8	[Bar chart showing result between 16th and 50th percentiles]				
Lithium	0.030	0.008- 0.030	[Bar chart showing result between 16th and 50th percentiles]				
Phosphorus	228	200- 300	[Bar chart showing result between 16th and 50th percentiles]				
Selenium	1.2	0.80- 1.3	[Bar chart showing result between 16th and 50th percentiles]				
Strontium	0.75	1.0- 6.0	[Bar chart showing result between 16th and 50th percentiles]				
Sulfur	47900	41000- 47000	[Bar chart showing result between 16th and 50th percentiles]				
Cobalt	0.058	0.006- 0.035	[Bar chart showing result between 16th and 50th percentiles]				
Iron	81	7.0- 16	[Bar chart showing result between 16th and 50th percentiles]				
Germanium	0.047	0.030- 0.040	[Bar chart showing result between 16th and 50th percentiles]				
Rubidium	0.070	0.030- 0.25	[Bar chart showing result between 16th and 50th percentiles]				
Zirconium	0.10	0.040- 1.0	[Bar chart showing result between 16th and 50th percentiles]				

### SPECIMEN DATA

**COMMENTS:**

Date Collected: 4/25/2010      Sample Size: 0.196 g  
 Date Received: 4/29/2010      Sample Type: Pubic  
 Date Completed: 5/6/2010      Hair Color: Brown  
 Client Reference: 1220041      Treatment:  
 Methodology: ICP-MS      Shampoo:

V010.08

### RATIOS

ELEMENTS	RATIOS	EXPECTED RANGE
Ca/Mg	11.6	4- 30
Ca/P	1.88	0.8- 8
Na/K	1.5	0.5- 10
Zn/Cu	3.56	4- 20
Zn/Cd	84.2	> 800

## **Health history for Hair test 362**

1) **What are your current symptoms and health history?** Dizzy, heart trouble, forgetful, confused. History: heart failure 6 months ago. Diverticulosis in 1993

2) **Dental history (wisdom teeth removed? First root canal placed? Braces? First amalgam**

etc...) Amalgam fillings - 3 over 25 years old. 0 root canals. Wisdom teeth not removed.

3) **What dental work do you currently have in place? What part of the dental cleanup have you completed?** No current dental work in place. Working on finding a dentist to remove mercury amalgam fillings

4) **What dentistry did your mother have at any time before or during pregnancy?** She wore dentures from an early age because of failure in braces.

5) **What vaccinations have you had and when (including flu and especially travel shots)?** Full load of vaccinations in the Navy. An occasional flu shot. None in the last 2 years.

6) **Supplements and medications (including dosages) taken at time of hair test, or for the 3-6 months before the sample was taken.** Thyroid medication. Blood pressure medication. Cholesterol medication. Acid reflux meds.

Supplements: pancreatin. Budwig diet. (Flax seed oil), 100mg ALA/day. Vitamins including 500mg vitamin C

7) **Other information you feel may be relevant?** Diet: Complete change of diet as of 6 months ago to a more vegetable and fruit based diet. PH tests of urine and sputum indicated strong acidosis around 6.0, with a recovery to a normal PH at about 3 months ago due solely to a change to a healthier diet. Prior diet was of junk food (chocolate, grease and starchy processed foods) loaded with sodium and deficient in potassium and magnesium. The change of diet resulted in a miraculous change in behavior and strength. Whereas 6 months ago Noel mowed his driveway going and coming back in, he then fell out and had to be carried into his house, recently he has been able to work all day. He has lost over 20 pounds, has cleaned up his appearance and feels stronger, his head is clearer etc. But given his hair test, this is..err. miraculous. This change in diet may have bootstrapped his bodies ability to excrete as it did strongly affect his mineral balance. We don't know. We only know that after improvement I suggested he get a hair test because there seemed to be a strong "glass ceiling" on his recovery.

8) **What is your location - city & country (so that we can learn where certain toxins are more prevalent).** Idabel, Oklahoma, Mccurtain county zip 74745. Note: broken bow lake has shown mercury in fish.

I am not the subject. I am a friend that suggested he get the hair test. This is being done with Noel's express consent and approval and he sits next to me as I type this.

Given the frightening levels of toxins in the test, this is being done only to expedite him getting help as - understandably he is having some trouble functioning. This because I have experience in both toxicity and the group. Noel has read this email and approves.

6 months ago Noel had heart failure. His heart failure recovered due to changes in diet and lifestyle.