# HAIR ELEMENTS



PATIENT: Number 107

SEX: Male AGE: 33

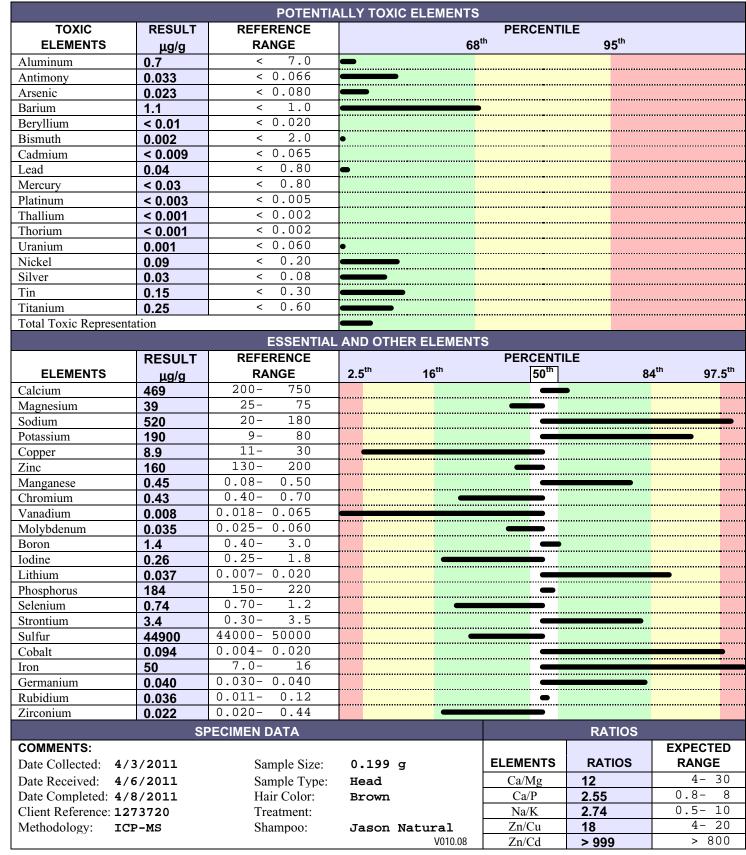
**Livingston County, MI** 

Livingston County, Mi							
POTENTIALLY TOXIC ELEMENTS							
TOXIC	RESULT	REFERENCE			PERCENTI		
ELEMENTS	μg/g	RANGE		68	3 <sup>th</sup>	95 <sup>th</sup>	
Aluminum	3.6	< 7.0					
Antimony	0.032	< 0.066					
Arsenic	0.032	< 0.080					
Beryllium	< 0.01	< 0.020					
Bismuth	0.023	< 2.0	•				
Cadmium	< 0.009	< 0.15					
Lead	0.60	< 2.0					
Mercury	< 0.03	< 1.1					
Platinum	< 0.003	< 0.005					
Thallium	< 0.001	< 0.010					
Thorium	< 0.001	< 0.005		•			
Uranium	0.002	< 0.060	•	······			***************************************
Nickel	0.18	< 0.40					
Silver	0.01	< 0.12	•				
Tin	0.80	< 0.30					
Titanium	0.78	< 1.0					
Total Toxic Represent					•••••••••••		
		ESSENTIAL	AND OTHER	ELEMENT	re		
	RESULT	REFERENCE	ANDOTTIEN		PERCENTI	_	
ELEMENTS		RANGE	2.5 <sup>th</sup>	16 <sup>th</sup>	50 <sup>th</sup>		4 <sup>th</sup> 97.5 <sup>th</sup>
	μg/g		2.5	10	50	O	4 97.5
Calcium	514	200- 750 25- 75		<del>.</del>			
Magnesium	70	12- 90		····			
Sodium	610	9- 40		····			
Potassium	24			····			
Copper	8.6	10- 28 130- 200		····			
Zinc	150			····•			
Manganese	0.29	0.15- 0.65		····	•		
Chromium	0.23	0.20- 0.40					
Vanadium	0.018	0.018- 0.065					
Molybdenum	0.023	0.025- 0.064					
Boron	3.3	0.40- 3.0		····			
Iodine	0.57	0.25- 1.3			•		
Lithium	0.020	0.007- 0.023					
Phosphorus	216	160- 250				<b>-</b>	
Selenium	0.80	0.95- 1.7					
Strontium	3.3	0.30- 3.5					
Sulfur	47000	44500- 52000					
Barium	0.75	0.16- 1.6		<u>.</u>			
Cobalt	0.030	0.013- 0.035					
Iron	11	5.4- 13					
Germanium	0.025	0.045- 0.065					
Rubidium	0.019	0.011- 0.12					
Zirconium	0.13	0.020- 0.44					
				RATIOS			
COMMENTS:							EXPECTED
Date Collected: 8/	24/2007	Sample Size:	0.203 g		<b>ELEMENTS</b>	RATIOS	RANGE
	28/2007	Sample Type:	Head		Ca/Mg	7.34	4- 30
Date Completed: 8/		Hair Color:	Brown		Ca/P	2.38	0.8- 8
		Treatment:			Na/K	25.4	0.5- 10
Methodology: IC	P-MS	Shampoo:	Pert Plus		Zn/Cu	17.4	4- 20
		Similpoo.		V06.99	Zn/Cd	> 999	> 800
					211/04	7 000	

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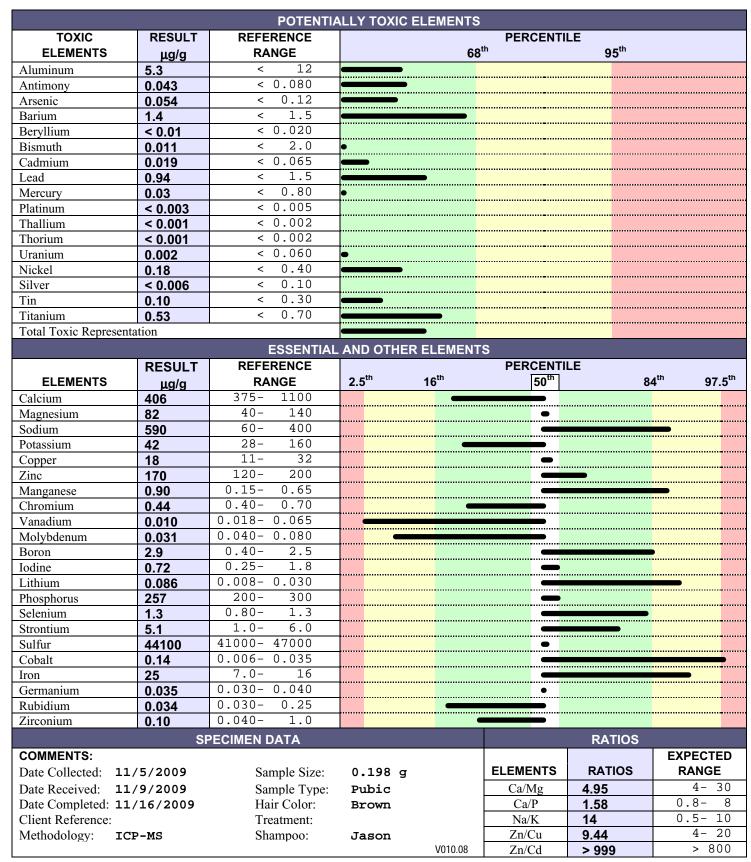
PATIENT: 107b **SEX: Male** AGE: 36



# HAIR ELEMENTS



PATIENT: 107c SEX: Male AGE: 35



#### Hair Test 107

**Notes** 

Updated April 2010

http://www.livingnetwork.co.za/healingnetwork/hairtest.html

### Current symptoms and medical history at first hair test

33yr old, Livingston County, MI

Diagnosed with Ankylosing spondylitis in 2005 after 2 years of progressing joint pain. Immediately found relief from pain and fatigue by starting low carb diet. 2006- removed 6 fillings in 3 visits to a dentist who used cautious techniques. Between 2nd and 3rd visit, I mistakenly started taking DMSA 12.5 mg every 4 hours. The consequences were severe antisocial feelings, brain fog, fatigue, and irritability. I was dysfunctional for 3 days, but quickly improved by stopping DMSA, finishing the removals, and starting properly again. I quickly made it up to 25 mg DMSA and started ALA after 3 months. I could only tolerate 8 mg at first but quickly moved up to 25 mg. I haven't been able to increase from 25 mg for the past year. (to 37.5mg). I am extremely dependent on the candida diet. There is very little I can eat- eggs, green veggies, and coconut oil, not much else. Tomatoes recently started to bother me. I have been a big coffee drinker for 7 years and was able to be symptom-free while drinking it, but recently it seems to aggravate Candida.

I had allergy injections as a child and again the last few years. Recent shots did not contain thimerosal, but I cannot confirm the earlier ones. I have gotten several flu shots and a full set of vaccines as a child. Most of my life I have worked in buildings that had broken thermometers which may not have been cleaned up properly.

I had braces 20 years ago, which contacted amalgams.

I've always been thin, but after starting the diet, I lost 25 pounds and now I'm 6'1" and 155 lb. I remember my ALT and bilirubin being high about 12 years ago. They were still high in 2005. Recent supplements and chelation have brought them to within normal ranges.

# 2) Supplements and medications at the time of hair test

2g omega 3 daily, oil of oregano (lots), 8-12g vit c daily, 833 mg magnesium bid, 1,000mg gaba occasionally, 600mg milk thistle daily, 10,000 IU vit A daily. 50mg pregnenolone daily, B50 once or twice daily, 2500 mg B12 sublingual daily, 600 mg N-AC daily, prednisolone tapers occasionally, but I usually have to take 2.5 mg in am to function; 200mcg selenium daily, 1,000 mg vit E daily, 30 mg zinc once or twice daily. 1,000 IU vit D daily (was on 4,000 IU for 2 years, up to 1 mo ago), 3mg melatonin at bedtime. Other things I use in streaks: Vinpocetine, phosphatidylserine, phosphatidylcholine, Glutamine, Arginine, DHEA. Either expense or lack of efficacy prevents using them.

#### **Additional hair test information 2011:**

Since the first test in 2007, I have chelated mostly with 50mg ALA alone. About the time of the 2009 hairtest, I became unbearably painful (joints), and a low carb diet no longer would control it.

Immune suppressing meds for rheumatoid arthritis made me worse overall. Starting antibiotics to treat for infectious things (Lyme, mycoplasma, etc.) brought some relief and has stabilized the disease for the past 6 months. Tests for all infectious things have been negative except 4 bands on a Lyme western blot.

I've done everything to control yeast and I still cannot tolerate carbs beyond meat and green vegetables. My weight has dropped extremely. Most endocrine processes are not functioning well: exocrine pancreas, thyroid, adrenals, and recently testosterone.

I am currently on Nystatin, Armour, 15mg hydrocortisone, Doxycycline, plaquenil, Vicodin, Magnesium, Vit C, Vit A, Calcium, Hyaluronic acid, Glucosamine, and digestive enzymes.

Thanks