

# HAIR ELEMENTS



**SEX: Female**  
**AGE: 54**

POTENTIALLY TOXIC ELEMENTS				
TOXIC ELEMENTS	RESULT µg/g	REFERENCE RANGE	PERCENTILE	
			68 <sup>th</sup>	95 <sup>th</sup>
Aluminum	2.1	< 7.0	██████████	
Antimony	0.015	< 0.050	██████████	
Arsenic	0.030	< 0.060	██████████	
Barium	0.28	< 2.0	██████████	
Beryllium	< 0.01	< 0.020	██████████	
Bismuth	0.89	< 2.0	██████████	
Cadmium	0.072	< 0.050	██████████	
Lead	1.5	< 0.60	██████████	
Mercury	0.28	< 0.80	██████████	
Platinum	< 0.003	< 0.005	██████████	
Thallium	< 0.001	< 0.002	██████████	
Thorium	< 0.001	< 0.002	██████████	
Uranium	0.014	< 0.060	██████████	
Nickel	0.06	< 0.30	██████████	
Silver	0.78	< 0.15	██████████	
Tin	0.12	< 0.30	██████████	
Titanium	0.31	< 0.70	██████████	
Total Toxic Representation				

ESSENTIAL AND OTHER ELEMENTS						
ELEMENTS	RESULT µg/g	REFERENCE RANGE	PERCENTILE			
			2.5 <sup>th</sup>	16 <sup>th</sup>	50 <sup>th</sup>	84 <sup>th</sup>
Calcium	528	300- 1200		██████████	██████████	
Magnesium	49	35- 120		██████████	██████████	
Sodium	62	20- 250		██████████	██████████	
Potassium	16	8- 75		██████████	██████████	
Copper	10	11- 37		██████████	██████████	
Zinc	400	140- 220		██████████	██████████	
Manganese	0.07	0.08- 0.60		██████████	██████████	
Chromium	0.47	0.40- 0.65		██████████	██████████	
Vanadium	0.017	0.018- 0.065		██████████	██████████	
Molybdenum	0.034	0.020- 0.050		██████████	██████████	
Boron	0.93	0.25- 1.5		██████████	██████████	
Iodine	0.30	0.25- 1.8		██████████	██████████	
Lithium	< 0.004	0.007- 0.020		██████████	██████████	
Phosphorus	191	150- 220		██████████	██████████	
Selenium	0.86	0.55- 1.1		██████████	██████████	
Strontium	1.8	0.50- 7.6		██████████	██████████	
Sulfur	48800	44000- 50000		██████████	██████████	
Cobalt	0.005	0.005- 0.040		██████████	██████████	
Iron	6.8	7.0- 16		██████████	██████████	
Germanium	0.031	0.030- 0.040		██████████	██████████	
Rubidium	0.017	0.007- 0.096		██████████	██████████	
Zirconium	0.12	0.020- 0.42		██████████	██████████	

SPECIMEN DATA				RATIOS		
<b>COMMENTS:</b>				<b>ELEMENTS</b>	<b>RATIOS</b>	<b>EXPECTED RANGE</b>
Date Collected: 3/27/2011	Sample Size: 0.205 g			Ca/Mg	10.8	4- 30
Date Received: 4/6/2011	Sample Type: Head			Ca/P	2.76	1- 12
Date Completed: 4/8/2011	Hair Color: Brown			Na/K	3.88	0.5- 10
Client Reference:	Treatment:			Zn/Cu	40	4- 20
Methodology: ICP-MS	Shampoo: Head Shoulders			Zn/Cd	> 999	> 800

V010.08

## **Health history for hair test 951**

### **1. What are your current symptoms and health history?**

Starting around age 30 - Chronic fatigue, fibromyalgia, brain fog, Igg & Ige tested positive allergic to 37 different foods, lots of joint pain, chemical sensitivities, constant sore throat, swollen glands, always cold (temps usually in the 96.5 range), sore tongue and mouth, constant nausea, deep intractable depression, digestive/elimination disturbances/difficulties. Serious ADHD as a child and adult. Hyperactive all my life until I got sick - then I was too tired. I had a lot of energy and good health until I hit 30 - then everything fell apart and I got very sick.

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

wisdom teeth removed around age 25, as a child I had 8 silver fillings - 3 of which were drilled out and replaced. 6 root canals between age of 27-29. During both pregnancies, one tooth with a silver filling broke.

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

No more fillings. Had a dental revision in February of 2011 and my health has improved a lot, but still subpar. He cleaned up 9 infected cavitations and removed the silver from my remaining crowns, and pulled a few root canaled teeth I now have a gold partial which replaces all molars on the bottom jaw, and two "flippers" - temporary plastic teeth made by my Hal Huggins trained dentist to replace two missing teeth on the top jaw.

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

I don't know. She didn't have many fillings.

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

Had all the usual vaccinations for a child born in 1956. Needed travel vaccinations when I was 28 and studied in France for 2 years. I don't think I ever had a flu shot.

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

Hard to remember - it was so long ago. Probably just multiple vitamin and an additional B vitamin.

### **7. What is your age, height and weight? At the time of the hair test, I was 5-55?**

Height 5'6 1/2 ", weight about 140?

**8. Other information you feel may be relevant?**

I took Prozac for 27 years (which I read is mostly made of fluoride), starting around age 30, and just got off of it about a year ago. Prozac worked for about 5 years, then stopped working, but I couldn't get off of it without feeling suicidal. So I continued taking it so I was "just" depressed and not suicidal.

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

Skokie, IL. I did travel for 3 weeks to South Korea in 1995, and 3 weeks in Israel in 1984. If there were required vaccinations, I must have had them. I lived in Paris, France between 1986-1988.