

SEX: Female AGE: 48 4040 Florida St Ste 101 Mandeville , LA 70448 USA

Toxic & Essential Elements; Hair

TOXIC METALS						
		RESULT µg/g	REFERENCE INTERVAL	68 th 95 th		
Aluminum	(AI)	3.5	< 12			
Antimony	(Sb)	< 0.01	< 0.060			
Arsenic	(As)	0.012	< 0.090			
Barium	(Ba)	8.4	< 2.0			
Beryllium	(Be)	< 0.01	< 0.020			
Bismuth	(Bi)	0.054	< 2.0			
Cadmium	(Cd)	0.030	< 0.050			
Lead	(Pb)	0.22	< 1.0			
Mercury	(Hg)	0.05	< 0.80			
Platinum	(Pt)	< 0.003	< 0.005			
Thallium	(TI)	< 0.001	< 0.002			
Thorium	(Th)	< 0.001	< 0.002			
Uranium	(U)	0.037	< 0.060			
Nickel	(Ni)	0.10	< 0.40			
Silver	(Ag)	0.02	< 0.10			
Tin	(Sn)	0.08	< 0.30			
Titanium	(Ti)	0.79	< 1.3			

ESSENTIAL AND OTHER ELEMENTS								
		RESULT µg/g	REFERENCE	2.5 th 16 th	PERCENTILE			
Calcium	(Ca)	2050	475- 1500					
Magnesium	(Mg)	400	45- 180					
Sodium	(Na)	420	80- 450					
Potassium	(K)	19	28- 160	Gasta				
Copper	(Cu)	10	11- 30					
Zinc	(Zn)	780	130- 200					
Manganese	(Mn)	0.51	0.15- 0.65					
Chromium	(Cr)	0.35	0.40- 0.65	C				
Vanadium	(V)	0.37	0.018- 0.065		Gentlement in the second second			
Molybdenum	(Mo)	0.042	0.040- 0.10					
Boron	(B)	0.97	0.40- 4.0					
lodine	(1)	2.5	0.25- 1.8					
Lithium	(Li)	0.055	0.008- 0.030					
Phosphorus	(P)	325	250- 500					
Selenium	(Se)	1.0	0.80- 1.3		•			
Strontium	(Sr)	30	1.0- 8.0	discourse and the second				
Sulfur	(S)	45600	42000- 48000					
Cobalt	(Co)	0.019	0.006- 0.035					
Iron	(Fe)	8.3	7.0- 16					
Germanium	(Ge)	0.024	0.030- 0.040					
Rubidium	(Rb)	0.020	0.030- 0.25	C				
Zirconium	(Zr)	0.076	0.040- 1.0	•				

SP	RATIOS			
COMMENTS:		ELEMENTS	RATIOS	RANGE
		Ca/Mg	5.13	4- 30
Date Collected: 07/22/2013	Sample Size: 0.196 g	Ca/P	6.31	1- 12
Date Received: 07/26/2013	Sample Type: Pubic	Na/K	22.1	0.5-10
Date Completed: 07/28/2013	Hair Color: Brown	Zn/Cu	78	4- 20
Methodology: ICP/MS	Treatment:	Zn/Cd	> 999	> 800
	Shampoo: Ivory Soap			

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Health history for hair test 819

1. Heart was beating extremely fast, but has now settled down for the most part, insomnia, constipation, sleepy sometimes.

2. Wisdom teeth removed around 1980. No root canals. One large amalgam in back tooth for 25 years or so. Used ALA ten years ago for a couple of months or so not knowing it was a chelator of mercury.

3. Had amalgam removed and replaced with composite on April 9, 2013, no other dental work.

4. Not sure about mother's dental work. I know she has some amalgam and has or has had gold in the past.

5. Born in 1964 and have had all required immunizations including rubella. Have never had a flu shot.

6. Taking B complex, vitamins C and E, magnesium, zinc, and ubiquinol occasionally.

7. 48 years old, 5'7", 130 to 135 pounds.

8. Amalgam became loose and was leaking for several months before it actually started falling out. I was sick with flu-like symptoms before I discovered what was causing my illness.

9. Lubbock, Texas