



SEX: Female
AGE: 54

Toxic & Essential Elements; Hair

TOXIC METALS					
		RESULT µg/g	REFERENCE INTERVAL	PERCENTILE	
				68 th	95 th
Aluminum	(Al)	2.8	< 7.0		
Antimony	(Sb)	0.011	< 0.050		
Arsenic	(As)	0.017	< 0.060		
Barium	(Ba)	3.1	< 2.0		
Beryllium	(Be)	< 0.01	< 0.020		
Bismuth	(Bi)	0.008	< 2.0		
Cadmium	(Cd)	0.020	< 0.050		
Lead	(Pb)	0.28	< 0.60		
Mercury	(Hg)	0.28	< 0.80		
Platinum	(Pt)	< 0.003	< 0.005		
Thallium	(Tl)	0.001	< 0.002		
Thorium	(Th)	< 0.001	< 0.002		
Uranium	(U)	0.062	< 0.060		
Nickel	(Ni)	0.27	< 0.30		
Silver	(Ag)	0.04	< 0.15		
Tin	(Sn)	0.05	< 0.30		
Titanium	(Ti)	0.35	< 0.70		
Total Toxic Representation					

ESSENTIAL AND OTHER ELEMENTS								
		RESULT µg/g	REFERENCE INTERVAL	PERCENTILE				
				2.5 th	16 th	50 th	84 th	97.5 th
Calcium	(Ca)	1720	300- 1200					
Magnesium	(Mg)	71	35- 120					
Sodium	(Na)	69	20- 250					
Potassium	(K)	17	8- 75					
Copper	(Cu)	48	11- 37					
Zinc	(Zn)	570	140- 220					
Manganese	(Mn)	1.3	0.08- 0.60					
Chromium	(Cr)	0.44	0.40- 0.65					
Vanadium	(V)	0.019	0.018- 0.065					
Molybdenum	(Mo)	0.031	0.020- 0.050					
Boron	(B)	1.1	0.25- 1.5					
Iodine	(I)	0.88	0.25- 1.8					
Lithium	(Li)	0.005	0.007- 0.020					
Phosphorus	(P)	163	150- 220					
Selenium	(Se)	0.84	0.55- 1.1					
Strontium	(Sr)	9.5	0.50- 7.6					
Sulfur	(S)	46800	44000- 50000					
Cobalt	(Co)	0.010	0.005- 0.040					
Iron	(Fe)	10	7.0- 16					
Germanium	(Ge)	0.035	0.030- 0.040					
Rubidium	(Rb)	0.015	0.007- 0.096					
Zirconium	(Zr)	0.51	0.020- 0.42					

SPECIMEN DATA		RATIOS		
COMMENTS:		ELEMENTS	RATIOS	RANGE
Date Collected: 07/24/2012	Sample Size: 0.2 g	Ca/Mg	24.2	4- 30
Date Received: 08/08/2014	Sample Type: Head	Ca/P	10.6	1- 12
Date Completed: 08/09/2014	Hair Color: Brown	Na/K	4.06	0.5- 10
Methodology: ICP/MS	Treatment: Dye	Zn/Cu	11.9	4- 20
	Shampoo: Soap	Zn/Cd	> 999	> 800

Health history for hair test 993

severe fatigue, lbs, candida, anxiety, severe sulphur sensitivity, which I never had before. flu like symptoms.

wisdom teeth removed in 1980. six amalgams before age 20

I have had two amalgams out so far. Working on the rest of the four.

I don't know about my Mother.

Have not had a flu shot in 9 years. All childhood vaccinations.

Levoxyl, 112 mcgs and Clonazepam .75 mgs.

54 years old. 5'3 190

Houston, Texas