



SEX: Male
AGE: 43

Toxic & Essential Elements; Hair

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum (Al)	1.8	< 7.0	
Antimony (Sb)	< 0.01	< 0.066	
Arsenic (As)	0.011	< 0.080	
Barium (Ba)	0.08	< 1.0	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	< 0.002	< 2.0	
Cadmium (Cd)	< 0.009	< 0.065	
Lead (Pb)	0.05	< 0.80	
Mercury (Hg)	0.54	< 0.80	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	0.001	< 0.002	
Thorium (Th)	< 0.001	< 0.002	
Uranium (U)	0.052	< 0.060	
Nickel (Ni)	0.04	< 0.20	
Silver (Ag)	0.01	< 0.08	
Tin (Sn)	0.03	< 0.30	
Titanium (Ti)	0.68	< 0.60	
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)	366	200- 750	
Magnesium (Mg)	60	25- 75	
Sodium (Na)	21	20- 180	
Potassium (K)	120	9- 80	
Copper (Cu)	12	11- 30	
Zinc (Zn)	210	130- 200	
Manganese (Mn)	0.05	0.08- 0.50	
Chromium (Cr)	0.35	0.40- 0.70	
Vanadium (V)	0.011	0.018- 0.065	
Molybdenum (Mo)	0.034	0.025- 0.060	
Boron (B)	0.81	0.40- 3.0	
Iodine (I)	0.81	0.25- 1.8	
Lithium (Li)	< 0.004	0.007- 0.020	
Phosphorus (P)	254	150- 220	
Selenium (Se)	1.1	0.70- 1.2	
Strontium (Sr)	0.32	0.30- 3.5	
Sulfur (S)	48900	44000- 50000	
Cobalt (Co)	0.003	0.004- 0.020	
Iron (Fe)	4.9	7.0- 16	
Germanium (Ge)	0.033	0.030- 0.040	
Rubidium (Rb)	0.16	0.011- 0.12	
Zirconium (Zr)	0.018	0.020- 0.44	

SPECIMEN DATA		RATIOS	
COMMENTS:		ELEMENTS	RATIOS
Date Collected: 04/19/2015		Ca/Mg	6.1
Date Received: 04/27/2015		Ca/P	1.44
Date Completed: 04/28/2015		Na/K	0.175
Methodology: ICP/MS		Zn/Cu	17.5
Sample Size: 0.202 g	Sample Type: Head	Zn/Cd	> 999
Hair Color: Black	Treatment:		
Shampoo: Natural Shampoo			
		RANGE	
		4- 30	
		0.8- 8	
		0.5- 10	
		4- 20	
		> 800	

Health history for hair test 1087

1. Current symptoms are chest discomfort and back pain also irregular heart beat.

Adrenal instability

Anxiety

2. No root canals, braces or amalgam

3. No dental work at this time, it's been around 8 years ago.

4. Mother had mercury fillings

5. I had the travel shot about 8 - 10 years ago.
also a recent 6 months ago tetanus shot.

6. Supplements taken are magnesium, vit. C,
B complex, milk thistle, zinc, Co Q10, adrenal cortex, potassium, vit e, Acidophilus, fish oil,