

Toxic & Essential Elements; Hair

TOXIC METALS				
		RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 60 th 95 th
Aluminum	(Al)	1.5	< 7.0	
Antimony	(Sb)	< 0.01	< 0.050	
Arsenic	(As)	< 0.01	< 0.060	
Barium	(Ba)	1.6	< 2.0	
Beryllium	(Be)	< 0.01	< 0.020	
Bismuth	(Bi)	0.19	< 2.0	
Cadmium	(Cd)	0.066	< 0.050	
Lead	(Pb)	0.50	< 0.60	
Mercury	(Hg)	0.03	< 0.80	
Platinum	(Pt)	< 0.003	< 0.005	
Thallium	(Tl)	< 0.001	< 0.002	
Thorium	(Th)	< 0.001	< 0.002	
Uranium	(U)	0.009	< 0.060	
Nickel	(Ni)	0.26	< 0.50	
Silver	(Ag)	0.02	< 0.15	
Tin	(Sn)	0.10	< 0.30	
Titanium	(Ti)	0.46	< 0.70	
Total Toxic Representation				

ESSENTIAL AND OTHER ELEMENTS								
		RESULT µg/g	REFERENCE INTERVAL	PERCENTILE				
				2.5 th	10 th	50 th	84 th	97.5 th
Calcium	(Ca)	1260	500- 1200					
Magnesium	(Mg)	330	35- 120					
Sodium	(Na)	51	20- 250					
Potassium	(K)	7	8- 75					
Copper	(Cu)	9.3	11- 37					
Zinc	(Zn)	210	140- 220					
Manganese	(Mn)	0.08	0.08- 0.60					
Chromium	(Cr)	0.30	0.40- 0.65					
Vanadium	(V)	0.051	0.018- 0.065					
Molybdenum	(Mo)	0.047	0.020- 0.050					
Boron	(B)	0.91	0.25- 1.5					
Iodine	(I)	25	0.25- 1.8					
Lithium	(Li)	0.032	0.007- 0.020					
Phosphorus	(P)	170	150- 220					
Selenium	(Se)	3.6	0.55- 1.1					
Strontium	(Sr)	6.5	0.50- 7.6					
Sulfur	(S)	45400	44000- 50000					
Cobalt	(Co)	0.010	0.005- 0.040					
Iron	(Fe)	6.2	7.0- 16					
Germanium	(Ge)	0.030	0.030- 0.040					
Rubidium	(Rb)	0.005	0.007- 0.056					
Zirconium	(Zr)	0.36	0.020- 0.42					

COMMENTS:	SPECIMEN DATA		RATIOS	
	ELEMENTS	RATIOS	RANGE	
Date Collected: 11/02/2015	Sample Size: 0.205 g	Ca/Mg	3.82	4- 30
Date Received: 11/14/2015	Sample Type: Head	Ca/P	7.41	1- 12
Date Completed: 11/19/2015	Hair Color: Brown	Na/K	7.29	0.5- 10
Methodology: ICP/MS	Treatment:	Zn/Cu	22.6	4- 20
	Shampoo: Free And Clear	Zn/Cd	> 999	> 800

Health history for hair test 1169

I am a 64 year old female who has been trying to chelate for over three years with limited success. I have read AI and HTI and have taken many supplements, including the Core 3, (I cannot tolerate Vit. E because of the gelatin in the products).

I am interested in finding out if I am actually high in lead and cadmium, besides the mercury and arsenic.

I have used DMPS, 1.5 mg. for over two years sporadically and only occasionally have I tried ALA at 1.5 mg. No more amalgams as of June, 2012.

I appreciate your help with this.