

Toxic & Essential Elements; Hair

TOXIC METALS				PERCENTILE	
		RESULT µg/g	REFERENCE INTERVAL	68 th	95 th
Aluminum	(Al)	3.7	< 8.0		
Antimony	(Sb)	0.077	< 0.066		
Arsenic	(As)	0.070	< 0.080		
Barium	(Ba)	0.09	< 0.50		
Beryllium	(Be)	< 0.01	< 0.020		
Bismuth	(Bi)	0.028	< 2.0		
Cadmium	(Cd)	0.13	< 0.070		
Lead	(Pb)	0.25	< 1.0		
Mercury	(Hg)	0.45	< 0.40		
Platinum	(Pt)	< 0.003	< 0.005		
Thallium	(Tl)	< 0.001	< 0.002		
Thorium	(Th)	0.001	< 0.002		
Uranium	(U)	0.005	< 0.060		
Nickel	(Ni)	0.02	< 0.20		
Silver	(Ag)	0.08	< 0.20		
Tin	(Sn)	0.27	< 0.30		
Titanium	(Ti)	0.60	< 1.0		
Total Toxic Representation					

switch to Ps/PE/PC
+ EDTA soap
+ Metal Away
IF it does not trigger too much detox + LOW dose was ok
+ GSH

ESSENTIAL AND OTHER ELEMENTS				PERCENTILE				
		RESULT µg/g	REFERENCE INTERVAL	2.5 th	16 th	50 th	84 th	97.5 th
Calcium	(Ca)	73	125- 370					
Magnesium	(Mg)	8	12- 30					
Sodium	(Na)	10	20- 200					
Potassium	(K)	8	12- 200					
Copper	(Cu)	8.4	11- 18					
Zinc	(Zn)	98	100- 190					
Manganese	(Mn)	0.08	0.10- 0.50					
Chromium	(Cr)	0.48	0.43- 0.80					
Vanadium	(V)	0.031	0.030- 0.10					
Molybdenum	(Mo)	0.093	0.050- 0.13					
Boron	(B)	0.87	0.70- 5.0					
Iodine	(I)	2.1	0.25- 1.3					
Lithium	(Li)	0.010	0.007- 0.020					
Phosphorus	(P)	122	150- 220					
Selenium	(Se)	0.80	0.70- 1.1					
Strontium	(Sr)	0.38	0.16- 1.0					
Sulfur	(S)	46800	45500- 53000					
Cobalt	(Co)	0.005	0.004- 0.020					
Iron	(Fe)	7.6	7.0- 16					
Germanium	(Ge)	0.034	0.030- 0.040					
Rubidium	(Rb)	0.010	0.016- 0.18					
Zirconium	(Zr)	0.28	0.040- 1.0					

+ Mag. Citrate
zinc lozange
+ topic
+ Be Qdms pro
+ Mitofore
K99
+ Pot. Citrate

COMMENTS:	SPECIMEN DATA		RATIOS		
	ELEMENTS	RATIOS	RANGE		
Date Collected: 06/11/2013	Sample Size: 0.202 g	Ca/Mg	9.13	4- 30	
Date Received: 06/15/2013	Sample Type: Head	Ca/P	0.598	0.8- 8	
Date Completed: 06/19/2013	Hair Color: Brown	Na/K	1.25	0.5- 10	
Methodology: ICP/MS	Treatment:	Zn/Cu	11.7	4- 20	
	Shampoo:	Zn/Cd	754	> 800	

Health history for hair test 801

1. Autism Spectrum Disorder, attention, impulse control, aggressive behavior
2. None
3. n/a
4. None
5. All up to 3 years old.
6. NAC 500mg, DMG 120mg, methyl B-12 injection 1250mcg every other day, amino powder, phosphatidylcholine, multi B, fish oil, 2000iu D, 250mg C
7. 3 1/2, 39 lbs, 39 in
8. Atlanta, USA