

TOXIC METALS

		RESULT µg/g	REFERENCE INTERVAL	PERCENTILE	
				68 th	95 th
Aluminum	(Al)	11	< 8.0		
Antimony	(Sb)	0.028	< 0.066		
Arsenic	(As)	0.018	< 0.080		
Barium	(Ba)	0.61	< 0.75		
Beryllium	(Be)	< 0.01	< 0.020		
Bismuth	(Bi)	0.044	< 2.0		
Cadmium	(Cd)	< 0.009	< 0.070		
Lead	(Pb)	0.17	< 1.0		
Mercury	(Hg)	0.22	< 0.40		
Platinum	(Pt)	< 0.003	< 0.005		
Thallium	(Tl)	< 0.001	< 0.002		
Thorium	(Th)	0.001	< 0.002		
Uranium	(U)	0.002	< 0.060		
Nickel	(Ni)	0.10	< 0.20		
Silver	(Ag)	0.07	< 0.14		
Tin	(Sn)	0.12	< 0.30		
Titanium	(Ti)	0.13	< 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)	382	160- 500					
Magnesium	(Mg)	17	12- 50					
Sodium	(Na)	18	20- 200					
Potassium	(K)	9	12- 140					
Copper	(Cu)	23	11- 32					
Zinc	(Zn)	160	110- 190					
Manganese	(Mn)	0.13	0.08- 0.50					
Chromium	(Cr)	0.42	0.40- 0.70					
Vanadium	(V)	0.027	0.025- 0.10					
Molybdenum	(Mo)	0.030	0.040- 0.090					
Boron	(B)	0.61	0.50- 3.5					
Iodine	(I)	0.51	0.25- 1.3					
Lithium	(Li)	0.004	0.007- 0.020					
Phosphorus	(P)	154	150- 220					
Selenium	(Se)	0.84	0.70- 1.1					
Strontium	(Sr)	0.66	0.21- 2.1					
Sulfur	(S)	47400	44000- 51000					
Cobalt	(Co)	0.008	0.004- 0.020					
Iron	(Fe)	9.5	7.0- 16					
Germanium	(Ge)	0.031	0.030- 0.040					
Rubidium	(Rb)	0.019	0.008- 0.080					
Zirconium	(Zr)	0.12	0.060- 0.70					

SPECIMEN DATA

COMMENTS:

Date Collected: 04/12/2014 Sample Size: 0.203 g
 Date Received: 04/18/2014 Sample Type: Head
 Date Completed: 04/19/2014 Hair Color: Brown
 Methodology: ICP/MS Treatment:
 Shampoo: Axe Men

RATIOS

ELEMENTS	RATIOS	RANGE
Ca/Mg	22.5	4- 30
Ca/P	2.48	0.8- 8
Na/K	2	0.5- 10
Zn/Cu	6.96	4- 20
Zn/Cd	> 999	> 800

Health history for hair test 991

1.What are your current symptoms and health history? Tics at times, had mono and diagnosed PANDAS at 6 years old. Some sensory issues.

2.Dental history (Wisdom teeth removed and when? Any other extractions. First root canal placed? Braces? First amalgam etc...) none, too young

3.What dental work do you currently have in place? What part of the dental clean-up have you completed? a single cavity, no amalgams

4.What dentistry did your mother have at any time before or during pregnancy? 13 mercury amalgams in place

5.What vaccinations have you had and when (including flu and especially travel shots)? all main vaccines and 2 flu shots

6.Supplements and medications (including dosages) taken at time of hair test, or for the 3-6 months before the sample was taken? none

7.What is your age, height and weight? 9 years old, 5 feet 1 inch, 110 pounds

8.Other information you feel may be relevant? more than usual anxiety

9.What is your location – city & country (so that we can learn where certain toxins are more prevalent). Freehold, New Jersey