



SEX: Male
AGE: 34

Toxic & Essential Elements; Hair

TOXIC METALS				
		RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum	(Al)	12	< 12	
Antimony	(Sb)	0.015	< 0.080	
Arsenic	(As)	0.053	< 0.12	
Barium	(Ba)	1.0	< 1.5	
Beryllium	(Be)	< 0.01	< 0.020	
Bismuth	(Bi)	0.018	< 2.0	
Cadmium	(Cd)	0.026	< 0.065	
Lead	(Pb)	0.74	< 1.5	
Mercury	(Hg)	0.26	< 0.80	
Platinum	(Pt)	< 0.003	< 0.005	
Thallium	(Tl)	< 0.001	< 0.002	
Thorium	(Th)	< 0.001	< 0.002	
Uranium	(U)	0.074	< 0.060	
Nickel	(Ni)	0.15	< 0.40	
Silver	(Ag)	0.07	< 0.10	
Tin	(Sn)	0.07	< 0.30	
Titanium	(Ti)	0.46	< 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)	999	375- 1100	
Magnesium	(Mg)	150	40- 140	
Sodium	(Na)	180	60- 400	
Potassium	(K)	54	28- 160	
Copper	(Cu)	33	11- 32	
Zinc	(Zn)	470	120- 200	
Manganese	(Mn)	0.12	0.15- 0.65	
Chromium	(Cr)	0.35	0.40- 0.70	
Vanadium	(V)	0.031	0.018- 0.065	
Molybdenum	(Mo)	0.051	0.040- 0.080	
Boron	(B)	0.97	0.40- 2.5	
Iodine	(I)	0.80	0.25- 1.8	
Lithium	(Li)	< 0.004	0.008- 0.030	
Phosphorus	(P)	204	200- 300	
Selenium	(Se)	0.75	0.80- 1.3	
Strontium	(Sr)	4.1	1.0- 6.0	
Sulfur	(S)	45600	41000- 47000	
Cobalt	(Co)	0.006	0.006- 0.035	
Iron	(Fe)	6.0	7.0- 16	
Germanium	(Ge)	0.029	0.030- 0.040	
Rubidium	(Rb)	0.057	0.030- 0.25	
Zirconium	(Zr)	2.5	0.040- 1.0	

SPECIMEN DATA		RATIOS		
COMMENTS:		ELEMENTS	RATIOS	RANGE
Date Collected: 10/8/2011	Sample Size: 0.201 g	Ca/Mg	6.66	4- 30
Date Received: 10/20/2011		Ca/P	4.9	0.8- 8
Date Completed: 10/22/2011	Hair Color:	Na/K	3.33	0.5- 10
Methodology: ICP/MS	Treatment:	Zn/Cu	14.2	4- 20
	Shampoo: Natures Gate	Zn/Cd	> 999	> 800

Health history for hair test 544

1) What are your current symptoms and health history?

10+ years of hypoglycemia, cold hands, mood swings, heat intolerant, sensitive to smells, light, temperature.

Brain fog, memory problem, concentration problems

2) Dental history (wisdom teeth removed? First root canal placed? Braces?

First amalgam

etc...)

First amalgam in 1995, no root canals or removals

3) What dental work do you currently have in place? What part of the dental cleanup have you completed?

About 18 amalgams placed in 1995-1999, replaced by composites/ceramics in May 2011

4) What dentistry did your mother have at any time before or during pregnancy?

Amalgams

5) What vaccinations have you had and when (including flu and especially travel shots)?

Flu shot a year ago,

not sure on shots

6) Supplements and medications (including dosages) taken at time of hair test, or for the 3-6

months before the sample was taken.

Vitamin D 1k

Vitamin C 1g

Glucosamin 1.5g

Fish oil 1g

Chlorella 3 capsules +Cilantro 30 drops 2x a day

Milk Thistle 2xstandardized capsules 3x a day

7) Other information you feel may be relevant?

Cilantro seems to help with brain fog. Have not started chelation yet

8) What is your location - city & country (so that we can learn where certain toxins are more prevalent).

NY, NY