



SEX: Female
AGE: 27

Toxic & Essential Elements; Hair

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum (Al)	22	< 7.0	
Antimony (Sb)	0.067	< 0.050	
Arsenic (As)	0.049	< 0.060	
Barium (Ba)	4.0	< 2.0	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	0.13	< 2.0	
Cadmium (Cd)	0.037	< 0.050	
Lead (Pb)	1.0	< 0.60	
Mercury (Hg)	0.30	< 0.80	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	< 0.001	< 0.002	
Thorium (Th)	< 0.001	< 0.002	
Uranium (U)	0.007	< 0.060	
Nickel (Ni)	0.39	< 0.30	
Silver (Ag)	0.34	< 0.15	
Tin (Sn)	0.92	< 0.30	
Titanium (Ti)	0.94	< 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)	2820	300- 1200	
Magnesium (Mg)	200	35- 120	
Sodium (Na)	19	20- 250	
Potassium (K)	< 3	8- 75	
Copper (Cu)	22	11- 37	
Zinc (Zn)	160	140- 220	
Manganese (Mn)	0.33	0.08- 0.60	
Chromium (Cr)	0.31	0.40- 0.65	
Vanadium (V)	0.039	0.018- 0.065	
Molybdenum (Mo)	0.020	0.020- 0.050	
Boron (B)	0.27	0.25- 1.5	
Iodine (I)	1.6	0.25- 1.8	
Lithium (Li)	0.008	0.007- 0.020	
Phosphorus (P)	135	150- 220	
Selenium (Se)	0.50	0.55- 1.1	
Strontium (Sr)	8.2	0.50- 7.6	
Sulfur (S)	47100	44000- 50000	
Cobalt (Co)	0.11	0.005- 0.040	
Iron (Fe)	15	7.0- 16	
Germanium (Ge)	0.036	0.030- 0.040	
Rubidium (Rb)	< 0.003	0.007- 0.096	
Zirconium (Zr)	0.27	0.020- 0.42	

SPECIMEN DATA		RATIOS	
COMMENTS:		ELEMENTS	RATIOS
Date Collected: 12/10/2014		Ca/Mg	14.1
Date Received: 12/13/2014		Ca/P	20.9
Date Completed: 12/19/2014		Na/K	6.33
Methodology: ICP/MS		Zn/Cu	7.27
Sample Size: 0.156 g	Sample Type: Head	Zn/Cd	> 999
Hair Color: Brown	Treatment: Bleach, Dye		
Shampoo:			
		RANGE	
		4- 30	
		1- 12	
		0.5- 10	
		4- 20	
		> 800	

Health history for hair test 1051

What are your current symptoms and health history?

Difficulty losing weight, despite exercising and eating clean and healthy. Actually keep gaining and have no idea why.

Dental history (Wisdom teeth removed and when? Any other extractions. First root canal placed? Braces? First amalgam etc...)

Wisdom teeth removed 10+ yrs ago so teeth would not move after having braces. Braces on for 9 months approx 20 years ago? No other dental work

What dental work do you currently have in place? What part of the dental clean-up have you completed?

NA

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

Few Amalgams but not during pregnancy.

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

Childhood vaccines: measles, mumps, rubella, varivax (chicken pox), HPV, Flu shot 3 years ago. Had the swine flu in 2011.

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

Fish Oil – 1000 mg – (3, 3x day)

Thyro-mend (2, 2x day)

Sub B12 chewable 91x day)

Easy Iron (1, 3x day)

Sugar Solve (2, 3x day)

What is your age, height and weight?

27, 5'6", 154 (help)

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

Seven Fields, PA, USA