



HAIR TEST: 886
 SEX: Female
 AGE: 31

Toxic Element Exposure Profile; Hair

TOXIC METALS					
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE		
			68 th	95 th	
Arsenic (As)	0.050	< 0.14			
Lead (Pb)	0.13	< 3.0			
Mercury (Hg)	0.42	< 3.0			
Cadmium (Cd)	0.012	< 0.20			
Chromium (Cr)	0.31	< 0.85			
Beryllium (Be)	< 0.01	< 0.050			
Cobalt (Co)	0.027	< 0.15			
Nickel (Ni)	0.36	< 1.0			
Zinc (Zn)	370	< 300			
Copper (Cu)	7.3	< 70			
Thorium (Th)	< 0.001	< 0.005			
Thallium (Tl)	< 0.001	< 0.005			
Barium (Ba)	0.39	< 8.0			
Cesium (Cs)	< 0.002	< 0.010			
Manganese (Mn)	0.11	< 1.5			
Selenium (Se)	0.89	< 2.1			
Bismuth (Bi)	0.008	< 5.0			
Vanadium (V)	0.014	< 0.20			
Silver (Ag)	0.02	< 1.6			
Antimony (Sb)	0.012	< 0.12			
Palladium (Pd)	< 0.004	< 0.015			
Aluminum (Al)	1.3	< 19			
Platinum (Pt)	< 0.003	< 0.010			
Tungsten (W)	0.001	< 0.015			
Tin (Sn)	0.04	< 1.0			
Uranium (U)	0.012	< 0.20			
Gold (Au)	0.004	< 0.50			
Tellurium (Te)	< 0.05	< 0.050			
Germanium (Ge)	0.022	< 0.045			
Titanium (Ti)	0.27	< 2.0			
Gadolinium (Gd)	< 0.001	< 0.008			

SPECIMEN DATA

Comments:

Date Collected: 11/19/2013
 Date Received: 11/23/2013
 Date Completed: 11/27/2013

Method: ICP-MS
 <dl: less than detection limit
 µg/g = ppm

Sample Type: Head
 Sample Size: 0.201 g
 Hair Color: Blond
 Treatment:
 Shampoo: Hs

Metals are listed in descending priority order based upon data from the Agency for Toxic Substances and Disease Registry which considers not only the relative toxicity per gram metal, but also the frequency for occurrence of exposure.

Health history for hair test 886

- 1) What are your current symptoms and health history?** -adrenal, thyroid, hashimotos. No real symptoms other than fatigue and light headness upon standing.
- 2) Dental history (wisdom teeth removed?** Wisdom teeth removed when teenage, braces age 14-16? First root canal placed? Braces? First amalgam etc...)
- 3) What dental work do you currently have in place? What part of the dental cleanup have you completed?** All 12 amalgams removed in September 2013
- 4) What dentistry did your mother have at any time before or during pregnancy?** no pregnancies
- 5) What vaccinations have you had and when (including flu and especially travel shots)?** no recent (last 10 years since childhood)
- 6) Supplements and medications (including dosages) taken at time of hair test, or for the 3-6 months before the sample was taken.** magnesium supplement, multi vitamin and vitamin c
- 7) Other information you feel may be relevant?** did urine provocative test last year 2012 and values were high, did hair test this year 2013.
- 8) What is your location - city & country (so that we can learn where certain toxins are more prevalent).** Philadelphia, Pennsylvania, USA