

SEX: Female
AGE: 57

Toxic & Essential Elements; Hair

TOXIC METALS						
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE			
			68 th	95 th		
Aluminum (Al)	4.6	< 7.0				
Antimony (Sb)	< 0.01	< 0.050				
Arsenic (As)	0.049	< 0.060				
Barium (Ba)	0.05	< 2.0				
Beryllium (Be)	< 0.01	< 0.020				
Bismuth (Bi)	0.003	< 2.0				
Cadmium (Cd)	< 0.009	< 0.050				
Lead (Pb)	0.35	< 0.60				
Mercury (Hg)	0.55	< 0.80				
Platinum (Pt)	< 0.003	< 0.005				
Thallium (Tl)	< 0.001	< 0.002				
Thorium (Th)	< 0.001	< 0.002				
Uranium (U)	< 0.001	< 0.060				
Nickel (Ni)	0.04	< 0.30				
Silver (Ag)	0.03	< 0.15				
Tin (Sn)	0.05	< 0.30				
Titanium (Ti)	0.43	< 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)	75	300- 1200					
Magnesium (Mg)	9	35- 120					
Sodium (Na)	11	20- 250					
Potassium (K)	7	8- 75					
Copper (Cu)	13	11- 37					
Zinc (Zn)	180	140- 220					
Manganese (Mn)	0.05	0.08- 0.60					
Chromium (Cr)	0.33	0.40- 0.65					
Vanadium (V)	0.027	0.018- 0.065					
Molybdenum (Mo)	0.014	0.020- 0.050					
Boron (B)	0.39	0.25- 1.5					
Iodine (I)	4.9	0.25- 1.8					
Lithium (Li)	0.031	0.007- 0.020					
Phosphorus (P)	155	150- 220					
Selenium (Se)	0.92	0.55- 1.1					
Strontium (Sr)	0.05	0.50- 7.6					
Sulfur (S)	48800	44000- 50000					
Cobalt (Co)	0.004	0.005- 0.040					
Iron (Fe)	6.7	7.0- 16					
Germanium (Ge)	0.032	0.030- 0.040					
Rubidium (Rb)	0.008	0.007- 0.096					
Zirconium (Zr)	0.010	0.020- 0.42					

SPECIMEN DATA		RATIOS		
COMMENTS:		ELEMENTS	RATIOS	RANGE
Date Collected: 02/04/2016	Sample Size: 0.201 g	Ca/Mg	8.33	4- 30
Date Received: 02/17/2016	Sample Type: Head	Ca/P	0.484	1- 12
Date Completed: 02/18/2016	Hair Color:	Na/K	1.57	0.5- 10
Methodology: ICP/MS	Treatment:	Zn/Cu	13.8	4- 20
	Shampoo:	Zn/Cd	> 999	> 800

What are your current symptoms and health history?

CFS/ME CIRS

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

Had about 8 amalgam fillings placed when I was about 16, also had my wisdom teeth removed at 16. All amalgam fillings removed about 17 years ago

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

years and years of IV and oral chelation with OSR

What dentistry did your mother have at any time before or during pregnancy? Wouldn't have a clue

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

Hep B, MMR, chicken pox, tetanus

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

1200mg calcium 500mg magnesium

What is your age, height and weight?

Age:57, 172cm 85kg

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

Perth Western Australia