

Toxic & Essential Elements; Hair

TOXIC METALS				PERCENTILE	
		RESULT µg/g	REFERENCE INTERVAL	68 th	95 th
Aluminum	(Al)	15	< 7.0	[Bar chart]	
Antimony	(Sb)	0.080	< 0.066	[Bar chart]	
Arsenic	(As)	0.36	< 0.080	[Bar chart]	
Barium	(Ba)	0.74	< 1.0	[Bar chart]	
Beryllium	(Be)	< 0.01	< 0.020	[Bar chart]	
Bismuth	(Bi)	0.009	< 2.0	[Bar chart]	
Cadmium	(Cd)	0.21	< 0.065	[Bar chart]	
Lead	(Pb)	16	< 0.80	[Bar chart]	
Mercury	(Hg)	2.6	< 0.80	[Bar chart]	
Platinum	(Pt)	< 0.003	< 0.005	[Bar chart]	
Thallium	(Tl)	< 0.001	< 0.002	[Bar chart]	
Thorium	(Th)	0.001	< 0.002	[Bar chart]	
Uranium	(U)	0.018	< 0.060	[Bar chart]	
Nickel	(Ni)	1.6	< 0.20	[Bar chart]	
Silver	(Ag)	1.0	< 0.08	[Bar chart]	
Tin	(Sn)	0.68	< 0.30	[Bar chart]	
Titanium	(Ti)	1.3	< 0.60	[Bar chart]	
Total Toxic Representation				[Bar chart]	

ESSENTIAL AND OTHER ELEMENTS				PERCENTILE				
		RESULT µg/g	REFERENCE INTERVAL	2.5 th	16 th	50 th	84 th	97.5 th
Calcium	(Ca)	373	200- 750	[Bar chart]				
Magnesium	(Mg)	58	25- 75	[Bar chart]				
Sodium	(Na)	750	20- 180	[Bar chart]				
Potassium	(K)	440	9- 80	[Bar chart]				
Copper	(Cu)	21	11- 30	[Bar chart]				
Zinc	(Zn)	100	130- 200	[Bar chart]				
Manganese	(Mn)	0.99	0.08- 0.50	[Bar chart]				
Chromium	(Cr)	0.78	0.40- 0.70	[Bar chart]				
Vanadium	(V)	0.11	0.018- 0.065	[Bar chart]				
Molybdenum	(Mo)	0.043	0.025- 0.060	[Bar chart]				
Boron	(B)	6.3	0.40- 3.0	[Bar chart]				
Iodine	(I)	1.9	0.25- 1.8	[Bar chart]				
Lithium	(Li)	0.018	0.007- 0.020	[Bar chart]				
Phosphorus	(P)	144	150- 220	[Bar chart]				
Selenium	(Se)	0.82	0.70- 1.2	[Bar chart]				
Strontium	(Sr)	1.1	0.30- 3.5	[Bar chart]				
Sulfur	(S)	45200	44000- 50000	[Bar chart]				
Cobalt	(Co)	0.16	0.004- 0.020	[Bar chart]				
Iron	(Fe)	35	7.0- 16	[Bar chart]				
Germanium	(Ge)	0.033	0.030- 0.040	[Bar chart]				
Rubidium	(Rb)	0.48	0.011- 0.12	[Bar chart]				
Zirconium	(Zr)	0.21	0.020- 0.44	[Bar chart]				

SPECIMEN DATA		RATIOS		
COMMENTS:		ELEMENTS	RATIOS	RANGE
Date Collected: 01/21/2015	Sample Size: 0.197 g	Ca/Mg	6.43	4- 30
Date Received: 02/24/2015	Sample Type: Head	Ca/P	2.59	0.8- 8
Date Completed: 02/26/2015	Hair Color: Black	Na/K	1.7	0.5- 10
Methodology: ICP/MS	Treatment:	Zn/Cu	4.76	4- 20
	Shampoo:	Zn/Cd	476	> 800

Hair Test 1079

- 1- **What are your current symptoms and health history?** Depression, fatigue, headache, back pain, dermatitis, poor memory, inability to concentrate, emotional instability, asthma, allergies
- 2- **Dental history (Wisdom teeth removed and when? Any other extractions. First root canal placed? Braces? First amalgam etc...)** I had a long dental history. I don't remember but I think it started at 16 years old, for my first root canal.
- 3- **What dental work do you currently have in place? What part of the dental clean-up have you completed?** I have 4 mercury fillings and one crown. No clean-up yet. I'm at the beginning of the story.
- 4- **What dentistry did your mother have at any time before or during pregnancy?** I don't know .
- 5- **What vaccinations have you had and when (including flu and especially travel shots)?** Diphterie, tetanos, poliomyelite , smallpox, cholera, typhoïde (product : Typhim vi), heptatie A (product : havrix)
- 6- **Supplements and medications (including dosages) taken at time of hair test, or for the 3-6 months before the sample was taken?** - DEVA Vegan Multivitamin - Aphanizomenon Flos Aquae
- 7- **What is your age, height and weight?** 46 year old, 1m82 (6 feet), 92 kg (202 pounds)
- 8- **Other information you feel may be relevant?** I'm not english speaker
- 9- **What is your location – city & country (so that we can learn where certain toxins are more prevalent)** Nouméa in New Caledonia, South Pacific