



SEX: Female
AGE: 44

Toxic & Essential Elements; Hair

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum (Al)	2.7	< 7.0	
Antimony (Sb)	< 0.01	< 0.050	
Arsenic (As)	0.020	< 0.060	
Barium (Ba)	0.32	< 2.0	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	< 0.002	< 2.0	
Cadmium (Cd)	< 0.009	< 0.050	
Lead (Pb)	0.52	< 0.60	
Mercury (Hg)	0.53	< 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)	0.07	< 0.30	
Silver (Ag)	0.02	< 0.15	
Tin (Sn)	0.03	< 0.30	
Titanium (Ti)	0.24	< 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)	742	300- 1200			
Magnesium (Mg)	93	35- 120			
Sodium (Na)	17	20- 250			
Potassium (K)	4	8- 75			
Copper (Cu)	17	11- 37			
Zinc (Zn)	200	140- 220			
Manganese (Mn)	0.05	0.08- 0.60			
Chromium (Cr)	0.38	0.40- 0.65			
Vanadium (V)	0.025	0.018- 0.065			
Molybdenum (Mo)	0.027	0.020- 0.050			
Boron (B)	0.55	0.25- 1.5			
Iodine (I)	6.9	0.25- 1.8			
Lithium (Li)	< 0.004	0.007- 0.020			
Phosphorus (P)	146	150- 220			
Selenium (Se)	0.66	0.55- 1.1			
Strontium (Sr)	1.7	0.50- 7.6			
Sulfur (S)	44200	44000- 50000			
Cobalt (Co)	0.005	0.005- 0.040			
Iron (Fe)	6.0	7.0- 16			
Germanium (Ge)	0.032	0.030- 0.040			
Rubidium (Rb)	0.005	0.007- 0.096			
Zirconium (Zr)	0.043	0.020- 0.42			

SPECIMEN DATA		RATIOS	
COMMENTS:		ELEMENTS	RATIOS
Date Collected: 06/12/2015		Ca/Mg	7.98
Date Received: 06/19/2015		Ca/P	5.08
Date Completed: 06/24/2015		Na/K	4.25
Methodology: ICP/MS		Zn/Cu	11.8
Sample Size: 0.199 g		Zn/Cd	> 999
Sample Type: Head			
Hair Color: Brown			
Treatment:			
Shampoo: Fair Trade			
		RANGE	
		4- 30	
		1- 12	
		0.5- 10	
		4- 20	
		> 800	

Hair Test 1110

I have suffered from depression for 14 years which was induced by a traumatic event. Despite a healthy lifestyle, psychotherapy, and good working/living environment, I have not been able to get off my antidepressants. I have recently found out that I have Hashimoto's. I also have candida. I have mucus throat. I constantly have a strange taste in my mouth. My brain fog and sleepiness has disappeared when I stopped eating gluten.

I have not grown any wisdom teeth. I have one root canal and 1 crown. I had one extraction. I have never worn braces. I have 14 amalgams and almost all were put in during my childhood (8-14). I have not done any dental clean-up apart for regular checks and stone removal. My mother also had amalgams before and during pregnancy.

As a child I received vaccinations for diphtheria, tetanus, whooping cough, hemophilus influenza type b, polio, measles, mumps, rubella. As an adult I was vaccinated for yellow fever.

At the time of hair test and 3-6 months before, I was taking venlafaxine 150 mg. 3-6 months before I was taking omega 3 and multivitamins.

I am 44, 171 cm high and 57 kg.

I live in Ljubljana, Slovenia.