



Number 1221
SEX: Female
AGE: 35

Toxic & Essential Elements; Hair

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum (Al)	5.7	< 12	
Antimony (Sb)	0.084	< 0.060	
Arsenic (As)	0.041	< 0.090	
Barium (Ba)	0.82	< 2.0	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	< 0.002	< 2.0	
Cadmium (Cd)	0.010	< 0.050	
Lead (Pb)	0.40	< 1.0	
Mercury (Hg)	0.20	< 0.80	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	< 0.001	< 0.002	
Thorium (Th)	< 0.001	< 0.002	
Uranium (U)	0.071	< 0.060	
Nickel (Ni)	0.27	< 0.40	
Silver (Ag)	0.03	< 0.10	
Tin (Sn)	0.03	< 0.30	
Titanium (Ti)	0.45	< 1.3	
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)	1750	475- 1500	
Magnesium (Mg)	120	45- 180	
Sodium (Na)	43	80- 450	
Potassium (K)	37	28- 160	
Copper (Cu)	13	11- 30	
Zinc (Zn)	210	130- 200	
Manganese (Mn)	0.41	0.15- 0.65	
Chromium (Cr)	0.35	0.40- 0.65	
Vanadium (V)	0.015	0.018- 0.065	
Molybdenum (Mo)	0.036	0.040- 0.10	
Boron (B)	0.35	0.40- 4.0	
Iodine (I)	0.62	0.25- 1.8	
Lithium (Li)	0.006	0.008- 0.030	
Phosphorus (P)	224	250- 500	
Selenium (Se)	0.88	0.80- 1.3	
Strontium (Sr)	2.3	1.0- 8.0	
Sulfur (S)	45500	42000- 48000	
Cobalt (Co)	0.095	0.006- 0.035	
Iron (Fe)	9.8	7.0- 16	
Germanium (Ge)	0.030	0.030- 0.040	
Rubidium (Rb)	0.034	0.030- 0.25	
Zirconium (Zr)	0.016	0.040- 1.0	

SPECIMEN DATA		RATIOS	
COMMENTS:		ELEMENTS	RATIOS
Date Collected: 05/12/2016		Ca/Mg	14.6
Date Received: 05/19/2016		Ca/P	7.81
Date Completed: 05/21/2016		Na/K	1.16
Methodology: ICP/MS		Zn/Cu	16.2
Sample Size: 0.201 g	Sample Type: Pubic	Zn/Cd	> 999
Hair Color:	Treatment:		
Shampoo:			
		RANGE	
		4- 30	
		1- 12	
		0.5- 10	
		4- 20	
		> 800	

Health history for hair test 1221

1. My current symptomy- tingling after half of the body, muscle spasms and muscle burning pain, difficult kinesiology, fatigue.
2. Dental history - I had a 9 amalgam fillings, which I gave to safely remove 3 years ago and replaced with white.
4. bele seal
5. vaccinations for tetanus pred15 years, influenza vaccine in childhood
6. Medicines- Tecfidera 240 mg, Portal 20 mg, 2.5 mg Loram, Aldactone 25 mg, 150 mg Lyrica, Sirdalud 4 mg.
7. 35 years, 164 cm, 48 kg.
8. Location- Maribor Slovenia