



SEX: Female
AGE: 30

Toxic & Essential Elements; Hair

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum (Al)	44	< 7.0	
Antimony (Sb)	0.051	< 0.050	
Arsenic (As)	0.046	< 0.060	
Barium (Ba)	2.3	< 2.0	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	0.046	< 2.0	
Cadmium (Cd)	0.036	< 0.050	
Lead (Pb)	1.6	< 0.60	
Mercury (Hg)	0.24	< 0.80	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	< 0.001	< 0.002	
Thorium (Th)	< 0.001	< 0.002	
Uranium (U)	0.058	< 0.060	
Nickel (Ni)	1.1	< 0.30	
Silver (Ag)	2.2	< 0.15	
Tin (Sn)	2.1	< 0.30	
Titanium (Ti)	0.57	< 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)	646	300- 1200			
Magnesium (Mg)	46	35- 120			
Sodium (Na)	31	20- 250			
Potassium (K)	36	8- 75			
Copper (Cu)	36	11- 37			
Zinc (Zn)	170	140- 220			
Manganese (Mn)	0.62	0.08- 0.60			
Chromium (Cr)	0.61	0.40- 0.65			
Vanadium (V)	0.060	0.018- 0.065			
Molybdenum (Mo)	0.052	0.020- 0.050			
Boron (B)	1.1	0.25- 1.5			
Iodine (I)	2.0	0.25- 1.8			
Lithium (Li)	0.007	0.007- 0.020			
Phosphorus (P)	162	150- 220			
Selenium (Se)	0.43	0.55- 1.1			
Strontium (Sr)	1.9	0.50- 7.6			
Sulfur (S)	50900	44000- 50000			
Cobalt (Co)	0.015	0.005- 0.040			
Iron (Fe)	18	7.0- 16			
Germanium (Ge)	0.032	0.030- 0.040			
Rubidium (Rb)	0.033	0.007- 0.096			
Zirconium (Zr)	0.39	0.020- 0.42			

SPECIMEN DATA		RATIOS	
COMMENTS:		ELEMENTS	RATIOS
Date Collected: 11/20/2014		Ca/Mg	14
Date Received: 12/06/2014		Ca/P	3.99
Date Completed: 12/09/2014		Na/K	0.861
Methodology: ICP/MS		Zn/Cu	4.72
Sample Size: 0.105 g	Sample Type: Head	Zn/Cd	> 999
Hair Color: Brown	Treatment:		
Shampoo:			
		RANGE	
		4- 30	
		1- 12	
		0.5- 10	
		4- 20	
		> 800	

Health history for hair test 1029'

1. I have alergia, eczema hands, and histeria
2. I haved 6 amalgams. Since 8 years
3. I still have 4 amalgams
4. She have/has 10 amalgams
5. I have all vaccinations and only one flu one
6. I started yesterday with forskolina
7. What is your age, height and weight? 30 years 60 kg 1,70
8. Other information you feel may be relevant? No
9. What is your location – Rosario Argentina