

HAIR ELEMENTS



PATIENT: Number 380
SEX: Female
AGE: 15
LOCATION: Sydney Australia

POTENTIALLY TOXIC ELEMENTS				
TOXIC ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE	
			68 th	95 th
Aluminum	9.3	< 8.0		
Antimony	0.048	< 0.066		
Arsenic	0.033	< 0.060		
Barium	0.61	< 1.5		
Beryllium	< 0.01	< 0.020		
Bismuth	0.014	< 2.0		
Cadmium	0.13	< 0.060		
Lead	2.2	< 0.60		
Mercury	0.64	< 0.40		
Platinum	< 0.003	< 0.005		
Thallium	< 0.001	< 0.002		
Thorium	< 0.001	< 0.002		
Uranium	0.067	< 0.060		
Nickel	0.15	< 0.30		
Silver	1.2	< 0.18		
Tin	0.12	< 0.30		
Titanium	0.30	< 0.60		
Total Toxic Representation				

ESSENTIAL AND OTHER ELEMENTS							
ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE				
			2.5 th	16 th	50 th	84 th	97.5 th
Calcium	596	350- 1000					
Magnesium	46	35- 120					
Sodium	41	18- 180					
Potassium	23	8- 75					
Copper	21	11- 37					
Zinc	170	150- 230					
Manganese	0.11	0.08- 0.60					
Chromium	0.48	0.40- 0.65					
Vanadium	0.061	0.020- 0.075					
Molybdenum	0.040	0.025- 0.060					
Boron	0.88	0.20- 1.2					
Iodine	0.35	0.25- 1.3					
Lithium	< 0.004	0.007- 0.020					
Phosphorus	169	150- 220					
Selenium	0.76	0.70- 1.1					
Strontium	1.2	0.86- 6.2					
Sulfur	52000	44000- 50000					
Cobalt	0.027	0.005- 0.040					
Iron	21	7.0- 16					
Germanium	0.043	0.031- 0.040					
Rubidium	0.035	0.006- 0.060					
Zirconium	0.050	0.025- 0.50					

SPECIMEN DATA				RATIOS		
COMMENTS:				ELEMENTS	RATIOS	EXPECTED RANGE
Date Collected: 4/21/2010	Sample Size: 0.203 g			Ca/Mg	13	4- 30
Date Received: 4/26/2010	Sample Type: Head			Ca/P	3.53	1- 12
Date Completed: 5/3/2010	Hair Color: Brown			Na/K	1.78	0.5- 10
Client Reference:	Treatment:			Zn/Cu	8.1	4- 20
Methodology: ICP-MS	Shampoo: Natural Instincts			Zn/Cd	> 999	> 800

Health history for hair test 380

CURRENT SYMPTOMS AND HEALTH HISTORY

Only just started to have signs of puberty at 15 and a half
Low zinc levels even after along time on supps
Prone to dermitites on body

DENTAL HISTORY

Braces 2 years ago
A small safe filling

MOTHERS DENTAL

Mercury fillings

VACCINATIONS

All childhood ones ,None since she was 5

SUPPLEMENTS

60mg Zinc
1000mg vit c
Iodine
Fish oil
Borage oil

DETAILS

Im 15. weight 60kg height 172cm
I live in Sydney Australia