

HAIR ELEMENTS



PATIENT: Number 342
SEX: Female
AGE: 54
LOCATION: Fortuna, USA

POTENTIALLY TOXIC ELEMENTS

TOXIC ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE	
			68 th	95 th
Aluminum	8.0	< 7.0		
Antimony	0.022	< 0.050		
Arsenic	0.038	< 0.060		
Barium	7.7	< 2.0		
Beryllium	< 0.01	< 0.020		
Bismuth	0.077	< 2.0		
Cadmium	0.045	< 0.050		
Lead	0.33	< 0.60		
Mercury	0.67	< 0.80		
Platinum	< 0.003	< 0.005		
Thallium	< 0.001	< 0.002		
Thorium	< 0.001	< 0.002		
Uranium	0.002	< 0.060		
Nickel	0.39	< 0.30		
Silver	0.36	< 0.15		
Tin	0.18	< 0.30		
Titanium	0.65	< 0.70		
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	1640	300- 1200					
Magnesium	220	35- 120					
Sodium	29	20- 250					
Potassium	4	8- 75					
Copper	17	11- 37					
Zinc	360	140- 220					
Manganese	0.28	0.08- 0.60					
Chromium	0.41	0.40- 0.65					
Vanadium	0.026	0.018- 0.065					
Molybdenum	0.026	0.020- 0.050					
Boron	0.58	0.25- 1.5					
Iodine	2.7	0.25- 1.8					
Lithium	0.006	0.007- 0.020					
Phosphorus	229	150- 220					
Selenium	1.0	0.55- 1.1					
Strontium	5.4	0.50- 7.6					
Sulfur	53000	44000- 50000					
Cobalt	0.014	0.005- 0.040					
Iron	14	7.0- 16					
Germanium	0.029	0.030- 0.040					
Rubidium	0.011	0.007- 0.096					
Zirconium	0.22	0.020- 0.42					

SPECIMEN DATA

COMMENTS:
 Date Collected: 4/3/2010 Sample Size: 0.2 g
 Date Received: 4/9/2010 Sample Type: Head
 Date Completed: 4/12/2010 Hair Color: Brown
 Client Reference: 1227735 Treatment: Dye
 Methodology: ICP-MS Shampoo: Pantene

V010.08

RATIOS

ELEMENTS	RATIOS	EXPECTED RANGE
Ca/Mg	7.45	4- 30
Ca/P	7.16	1- 12
Na/K	7.25	0.5- 10
Zn/Cu	21.2	4- 20
Zn/Cd	> 999	> 800

Health history for hair test 342

My daughter, had her test done last month, she is #338

1. Brain fog, two years ago diagnosed with gluten intolerance, adrenal fatigue and numerous allergies
2. My amalgams were put in when I was pregnant with my 1st child. I don't know how many, but at least 8. I had all my wisdom teeth removed. I wore braces as a pre-teen. I have not had a root canal.
3. I have had all but 2 amalgams removed two years ago. I plan on having the last two removed this year.
4. My mother did not have any cavities/fillings until many years after pregnancy.
5. I had all the required children vaccinations. Did not have any flu, heb B or travel shots.
6. N-acetyl-L-cystein 1000mg, super D3 2000iu, B plex , Calcium/magnesium 400/200mg, Rhodiola rosea 200mg, Maxuum 3 multivitamin-2 daily.
7. For years I tried to get MD's to help find out my fatigue problem. My Vit D levels were down to 7. The MD tried to increase it and couldn't. He told me to live with it. I found a functional MD and she found the gluten intolerance. Now my D is normalized.
8. Fortuna, USA