### HAIR ELEMENTS



PATIENT: Number 330 SEX: Female AGE: 9

LOCATION: Roseville CA, USA

POTENTIALLY TOXIC ELEMENTS									
TOXIC	RESULT	REFERENCE	PERCENTILE						
ELEMENTS	μg/g	RANGE	68 <sup>th</sup>	95 <sup>th</sup>					
Aluminum	9.7	< 8.0							
Antimony	0.092	< 0.066							
Arsenic	0.026	< 0.060							
Barium	1.4	< 1.5							
Beryllium	< 0.01	< 0.020							
Bismuth	0.079	< 2.0	•						
Cadmium	0.052	< 0.070							
Lead	0.31	< 0.80							
Mercury	0.07	< 0.40							
Platinum	< 0.003	< 0.005							
Thallium	< 0.001	< 0.002							
Thorium	< 0.001	< 0.002							
Uranium	0.007	< 0.060							
Nickel	0.13	< 0.30							
Silver	2.0	< 0.18							
Tin	0.55	< 0.30							
Titanium	0.56	< 0.70							
Total Toxic Representa	tion								

ESSENTIAL AND OTHER ELEMENTS									
	RESULT	REFERENCE	PERCENTILE						
ELEMENTS	μg/g	RANGE	2.5 <sup>th</sup> 16 <sup>th</sup>	50 <sup>th</sup>	84	4 <sup>th</sup> 97.5 <sup>th</sup>			
Calcium	637	250- 800							
Magnesium	29	25- 90							
Sodium	10	18- 180							
Potassium	8	10- 90							
Copper	74	11- 37							
Zinc	210	120- 220							
Manganese	0.14	0.08- 0.60		-					
Chromium	0.27	0.40- 0.65							
Vanadium	0.063	0.025- 0.10							
Molybdenum	0.038	0.030- 0.090							
Boron	0.46	0.30- 1.7							
Iodine	0.38	0.25- 1.3							
Lithium	< 0.004	0.007- 0.020							
Phosphorus	230	150- 220							
Selenium	0.84	0.70- 1.1							
Strontium	1.7	0.37- 3.6		-					
Sulfur	49000	44000- 51000							
Cobalt	0.005	0.005- 0.035							
Iron	5.7	7.0- 16							
Germanium	0.031	0.030- 0.040	_						
Rubidium	0.012	0.008- 0.080							
Zirconium	0.16	0.030- 0.40		•					
SPECIMEN DATA				RATIOS					
COMMENTS:						EXPECTED			
Date Collected: 1/	2/2010	Sample Size:	0.198 g	ELEMENTS	RATIOS	RANGE			
Date Received: 1/	8/2010	Sample Type:	Head	Ca/Mg	22	4- 30			
Date Completed: 1/9/2010 Hair Color:		Brown	Ca/P	2.77	1- 12				
Client Reference:		Treatment:		Na/K	1.25	0.5- 10			
	P-MS	Shampoo:	Avalon Organics	Zn/Cu	2.84	4- 20			
		•	V010.08	Zn/Cd	> 999	> 800			

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### Health history for hair test 330

#### What are your current symptoms and health history?

#### ADHD

### Dental history (Wisdom teeth removed and when? Any other extractions. First root canal placed? Braces? First amalgam etc...)

Had one amalgam in one baby tooth which has since fallen out.

### What dental work do you currently have in place? What part of the dental clean-up have you completed?

None

#### What dentistry did your mother have at any time before or during pregnancy?

Mother had several amalgams in place at time before and during burth

# What vaccinations have you had and when (including flu and especially travel shots)?

All baby shots since year 2000 plus 2 flu shots

# Supplements and medications (including dosages) taken at time of hair test, or for the 3-6 months before the sample was taken?

Cod Liver Oil

#### What is your age, height and weight?

Age 9 57 lbs

## What is your location – city & country (so that we can learn where certain toxins are more prevalent).

Roseville CA