

# HAIR ELEMENTS



**PATIENT: Number 322**  
**SEX: Female**  
**AGE: 7**  
**LOCATION: Ocklawaha, FL, USA**

POTENTIALLY TOXIC ELEMENTS				
TOXIC ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE	
			68 <sup>th</sup>	95 <sup>th</sup>
Aluminum	9.3	< 8.0		
Antimony	0.016	< 0.066		
Arsenic	0.037	< 0.060		
Barium	0.31	< 1.5		
Beryllium	< 0.01	< 0.020		
Bismuth	0.32	< 2.0		
Cadmium	0.023	< 0.070		
Lead	0.18	< 0.80		
Mercury	0.19	< 0.40		
Platinum	< 0.003	< 0.005		
Thallium	< 0.001	< 0.002		
Thorium	0.001	< 0.002		
Uranium	0.011	< 0.060		
Nickel	0.04	< 0.30		
Silver	1.5	< 0.18		
Tin	0.07	< 0.30		
Titanium	0.72	< 0.70		
Total Toxic Representation				

ESSENTIAL AND OTHER ELEMENTS							
ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE				
			2.5 <sup>th</sup>	16 <sup>th</sup>	50 <sup>th</sup>	84 <sup>th</sup>	97.5 <sup>th</sup>
Calcium	426	250- 800					
Magnesium	43	25- 90					
Sodium	15	18- 180					
Potassium	6	10- 90					
Copper	79	11- 37					
Zinc	210	120- 220					
Manganese	0.11	0.08- 0.60					
Chromium	0.42	0.40- 0.65					
Vanadium	0.045	0.025- 0.10					
Molybdenum	0.054	0.030- 0.090					
Boron	< 0.07	0.30- 1.7					
Iodine	0.34	0.25- 1.3					
Lithium	0.005	0.007- 0.020					
Phosphorus	151	150- 220					
Selenium	0.92	0.70- 1.1					
Strontium	0.45	0.37- 3.6					
Sulfur	47900	44000- 51000					
Cobalt	0.005	0.005- 0.035					
Iron	9.7	7.0- 16					
Germanium	0.028	0.030- 0.040					
Rubidium	0.006	0.008- 0.080					
Zirconium	0.066	0.030- 0.40					

SPECIMEN DATA				RATIOS		
<b>COMMENTS:</b>				<b>ELEMENTS</b>	<b>RATIOS</b>	<b>EXPECTED RANGE</b>
Date Collected: 11/8/2009	Sample Size: 0.205 g			Ca/Mg	9.91	4- 30
Date Received: 11/12/2009	Sample Type: Head			Ca/P	2.82	1- 12
Date Completed: 11/19/2009	Hair Color: Blond			Na/K	2.5	0.5- 10
Client Reference:	Treatment:			Zn/Cu	2.66	4- 20
Methodology: ICP-MS	Shampoo: Loreal For Kids			Zn/Cd	> 999	> 800
	V010.08					

## Health history for hair test 322

Hello,

I am wanting to evaluate whether I should chelate my daughter who has no dental work to speak of, but has shown some signs of mercury poisoning as he has had most of the recommended vaccinations. My wife does not quite agree with me doing this, so I am looking for hard evidence this should be done. And, we both have valid concerns as to the safety of doing this for such young kids w/o the supervision of a qualified pediatrician.

I am most interested in the dosage to use of DMSA for her as well as the supplements that should be given to minimize any discomfort he might experience.

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

Current symptoms are slight hyperactivity, some whininess.

Overall, in good health, has had all vaccinations to date (stopped from now on), has not amalgams. Has had streph multiple times, treated w/antibiotics (mainly amoxicillin).

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

Still has all teeth, no amalgams. No extractions or root canals.

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

Metal 'cage' to discourage thumb sucking only. No cleanup done (or required) except removal of 'cage'.

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

8 amalgams placed in 1985. No root canals, wisdom teeth have been removed in 1985.

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

All recommended childhood vaccinations including Hib , DPaT, MMR, IPV at 3, 4, and 5.

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

None.

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

7 y/o, 43" 46#

### 8. Other information you feel may be relevant?

She does tend to be very restless at times.

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

Live on farm in Ocklawaha, FL.

Your help is sincerely appreciated. I have already submitted one for my son as well, same reasons.

Sincere thanks,