

# HAIR ELEMENTS



**PATIENT: Number 353**  
**SEX: Female**  
**AGE: 13**  
**LOCATION: Western NY, near Lake Eerie**

## POTENTIALLY TOXIC ELEMENTS

TOXIC ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE	
			68 <sup>th</sup>	95 <sup>th</sup>
Aluminum	1.9	< 8.0		
Antimony	0.018	< 0.066		
Arsenic	0.030	< 0.060		
Barium	2.1	< 1.5		
Beryllium	< 0.01	< 0.020		
Bismuth	0.022	< 2.0		
Cadmium	0.022	< 0.060		
Lead	0.21	< 0.60		
Mercury	< 0.03	< 0.40		
Platinum	< 0.003	< 0.005		
Thallium	0.001	< 0.002		
Thorium	< 0.001	< 0.002		
Uranium	0.047	< 0.060		
Nickel	0.05	< 0.30		
Silver	0.04	< 0.18		
Tin	0.12	< 0.30		
Titanium	0.32	< 0.60		
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	526	350- 1000					
Magnesium	45	35- 120					
Sodium	190	18- 180					
Potassium	74	8- 75					
Copper	25	11- 37					
Zinc	190	150- 230					
Manganese	0.58	0.08- 0.60					
Chromium	0.38	0.40- 0.65					
Vanadium	0.021	0.020- 0.075					
Molybdenum	0.051	0.025- 0.060					
Boron	0.46	0.20- 1.2					
Iodine	0.73	0.25- 1.3					
Lithium	0.006	0.007- 0.020					
Phosphorus	169	150- 220					
Selenium	1.0	0.70- 1.1					
Strontium	0.79	0.86- 6.2					
Sulfur	45700	44000- 50000					
Cobalt	0.006	0.005- 0.040					
Iron	8.9	7.0- 16					
Germanium	0.036	0.031- 0.040					
Rubidium	0.065	0.006- 0.060					
Zirconium	0.064	0.025- 0.50					

### SPECIMEN DATA

**COMMENTS:**  
 Date Collected: 4/14/2010      Sample Size: 0.197 g  
 Date Received: 4/15/2010      Sample Type: Head  
 Date Completed: 4/21/2010      Hair Color: Blond  
 Client Reference: 1228503      Treatment:  
 Methodology: ICP-MS      Shampoo: Axe

V010.08

### RATIOS

ELEMENTS	RATIOS	EXPECTED RANGE
Ca/Mg	11.7	4- 30
Ca/P	3.11	1- 12
Na/K	2.57	0.5- 10
Zn/Cu	7.6	4- 20
Zn/Cd	> 999	> 800

### **Health history for hair test 353**

She has most info on her sisters hair test posting. (copied below – sister is hair test 352)  
Seems a little lactose intolerant.  
No skin issues  
Sam gets 1 SNT vit. morn  
1 5MG BIOTIN AND 1 PROBIOTIC EVENING  
ALL VITAMINS WERE NOT GIVEN BEFORE HAIR TEST FOR ANY OF US.  
Thank you for any help you can give

### **Health history for her sister hair test 352**

Hi

Catie's is age 12

160 lbs

5'2" tall

She was diagnosed with severe autism @ age 2?

Lives western NY within 25 miles of Lake Erie

Current health very poor. We started giving 3 lak at age 6 and teachers called with questions what did we do that she is all of a sudden looking at us and starting to talk. Last November she was sneaking Capri Sun and hiding the empty packages (2 1/2 bxs) and not too long after that she started what appeared to be stimming with repeated saying of "sonic-sonic" and wetting her bed. Then she started wetting her pants 24 hrs a day. (this all took 4 1/2 months) She developed a rash on whole upper body and coming up to face and forehead. Red fingernails, small bumps all over her body, more so on her face, neck & arms. She complains about "bugs bite & when I look @ them sure enough a red bite and never ever any bug to be seen (2 years now & 2 diff. houses)

Constipation but have gotten this better with a boost of milk of magnesia, biotin, milk thistle. Seen pediatrition 2x within last 2 weeks. First visit was with nurse and said just rub cream on the yeast on her privates and on the rash of upper body, urine sample showed no infection and sample sent to lab for culture. When they didn't call back with lab results I called them and another nurse said this must be a false positive -was this a clean catch? I said absolutely and said DR. would call. When DR. called he stated urine sample is ok she's good, I explained of her yeast and skin and said he would have to see her.

This week we seen him I told him of her very bad breath in the morning that is the same as her 1 year older sister without autism, her yeast in privates, the rash that confirmed my suspicion of tenious versicolor on skin, red nails with growth lumps and all the other symptoms I asked for Diflucan and he said he would have to think about it. I said she needs excuse from school and responded with a EEEEE!!

and I explained to him that I have to even feed her now! (the school called and asked for a consent form to stay in touch with DR. said no) School had a h1n1 clinic same time this started in school and school denies just to add misery to my brain. I have e-mailed DR. 2x this week and he will not respond.

She has no fillings

Mom has had fillings from age 12 (43 now)

She a shot of some kind not more than 5 minutes after birth in her thigh. I watched the nurse take her from the DR and jab her.

First round of vaccines then no more- no flues

Has 24 year old sister not (My biological) my stepdaughter has PDD-NOS but very similar in hair growth and body maturity.

Has 13 year old sister (sam) main stream school- no known problems other than bad breath, poor sleep schedule, focus in school, attendance school. (only one born natural)

Now using Biotin, super nu thera vit., milk thistle Dr said all good --good job??????