

POTENTIALLY TOXIC ELEMENTS

TOXIC ELEMENTS	RESULT µg/g	REFERENCE RANGE	PERCENTILE	
			68 th	95 th
Aluminum	6.3	< 7.0	████████████████████	
Antimony	0.024	< 0.050	████████	
Arsenic	0.044	< 0.060	████████████████	
Barium	2.4	< 2.0	████████████████████	
Beryllium	< 0.01	< 0.020		
Bismuth	0.036	< 2.0	•	
Cadmium	0.025	< 0.050	████████	
Lead	0.62	< 0.60	████████████████████	
Mercury	0.30	< 0.80	████████	
Platinum	< 0.003	< 0.005		
Thallium	< 0.001	< 0.002		
Thorium	< 0.001	< 0.002		
Uranium	0.019	< 0.060	████████	
Nickel	0.37	< 0.30	████████████████████	
Silver	0.20	< 0.15	████████████████████	
Tin	0.93	< 0.30	████████████████████	████████████████████
Titanium	0.45	< 0.70	████████	
Total Toxic Representation				

ESSENTIAL AND OTHER ELEMENTS

ELEMENTS	RESULT µg/g	REFERENCE RANGE	PERCENTILE					
			2.5 th	16 th	50 th	84 th	97.5 th	
Calcium	2260	300- 1200			████████████████████	████████████████████	████████████████████	████████████████████
Magnesium	160	35- 120			████████████████████	████████████████████	████████████████████	████████████████████
Sodium	120	20- 250			████████	████████	████████	████████
Potassium	50	8- 75			████████	████████	████████	████████
Copper	34	11- 37			████████	████████	████████	████████
Zinc	120	140- 220	████████	████████	████████	████████	████████	████████
Manganese	0.20	0.08- 0.60			████████	████████	████████	████████
Chromium	0.55	0.40- 0.65			████████	████████	████████	████████
Vanadium	0.062	0.018- 0.065			████████	████████	████████	████████
Molybdenum	0.028	0.020- 0.050			████████	████████	████████	████████
Boron	0.41	0.25- 1.5			████████	████████	████████	████████
Iodine	0.62	0.25- 1.8			████████	████████	████████	████████
Lithium	0.006	0.007- 0.020	████████	████████	████████	████████	████████	████████
Phosphorus	170	150- 220			████████	████████	████████	████████
Selenium	0.81	0.55- 1.1			████████	████████	████████	████████
Strontium	6.5	0.50- 7.6			████████	████████	████████	████████
Sulfur	47400	44000- 50000			████████	████████	████████	████████
Cobalt	0.012	0.005- 0.040			•			
Iron	9.7	7.0- 16			•			
Germanium	0.035	0.030- 0.040			•			
Rubidium	0.046	0.007- 0.096			████████	████████	████████	████████
Zirconium	0.21	0.020- 0.42			████████	████████	████████	████████

SPECIMEN DATA

COMMENTS:	
Date Collected:	Sample Size: 0.202 g
Date Received: 8/5/2010	Sample Type: Head
Date Completed: 8/7/2010	Hair Color:
Client Reference:	Treatment:
Methodology: ICP-MS	Shampoo:

RATIOS

ELEMENTS	RATIOS	EXPECTED RANGE
Ca/Mg	14.1	4- 30
Ca/P	13.3	1- 12
Na/K	2.4	0.5- 10
Zn/Cu	3.53	4- 20
Zn/Cd	> 999	> 600

V010.08

Health history 407

1) What are your current symptoms and health history?

37yo nursing, has had a lot of past dental work

2) Dental history (wisdom teeth removed? First root canal placed? Braces? First amalgam etc...) mostly done in Russia, had 7 amalgams replaced by photo composite while pregnant, my son 3yrs old is PDD NOS, my daughter who she nursing has not had any vaccinations other than H1N1 while she was in womb

3) What dental work do you currently have in place? What part of the dental cleanup have you completed? all photo composite, but has bone loss in teeth

4) What dentistry did your mother have at any time before or during pregnancy? n/a

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

had H1N1 last Nov 2009

6) Supplements and medications (including dosages) taken at time of hair test, or for the 3-6 months before the sample was taken. , none, maybe a multivitamin

7) Other information you feel may be relevant?

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

we are most interested if the breast milk could contain metals, toxins from this mother, should we stop nursing? We will get hair test on the daughter as soon as she has enough hair, maybe 2-3 months from now

kind regards

Pete