## HAIR ELEMENTS



LAB#: PATIENT: ID: CLIENT#: DOCTOR:

SEX: Female AGE: 3

		DOTENTIA	LLV TOVIC EL EMENTS			
TOXIC	RESULT		ALLY TOXIC ELEMENTS	A STATE OF THE REAL PROPERTY.		
ELEMENTS		REFERENCE RANGE	68	PERCENTI	95 <sup>th</sup>	
	μg/g	< 8.0	00		95	
Antimony	6.5 0.086	< 0.066		······		
Antimony Arsenic	0.006	< 0.080		······································		
Barium	0.075	< 0.75		·····		
Beryllium		< 0.020		······		
Bismuth	< 0.01 0.42	< 2.0		·····		
Cadmium	0.42	< 0.070		······		
Lead	0.75	< 1.0		·····		
Mercury	0.73	< 0.40				
Platinum	< 0.003	< 0.005		•••••••••••••••••••••••••••••••••••••••		
Thallium	< 0.003	< 0.002		······		
Thorium	< 0.001	< 0.002				
Uranium	0.002	< 0.060				
Nickel	0.002	< 0.30		***************************************		
Silver	0.19	< 0.30		***************************************		
Tin	0.11	< 0.30				
Titanium	1.2	< 0.90				
Total Toxic Represen						
Total Toxic Represen	itation	ECCENTIAL	AND OTHER ELEMENT	re		
	DECULT		AND OTHER ELEMENT		l E	
EL EMENTO	RESULT	REFERENCE	o eth	PERCENTI		ath ar ath
ELEMENTS	μg/g	RANGE	2.5 <sup>th</sup> 16 <sup>th</sup>	50 <sup>th</sup>	8	4 <sup>th</sup> 97.5 <sup>th</sup>
Calcium	127	140- 500				
Magnesium	5	15- 45	•			
Sodium	97	18- 180				
				A STATE OF THE PARTY OF THE PAR		
	210	10- 150				
Copper	13	11- 24				
Copper Zinc	13 36	11- 24 100- 190				
Copper Zinc Manganese	13 36 0.05	11- 24 100- 190 0.10- 0.50				
Copper Zinc Manganese Chromium	13 36 0.05 0.45	11- 24 100- 190 0.10- 0.50 0.43- 0.70				
Copper Zinc Manganese Chromium Vanadium	13 36 0.05 0.45 0.050	11- 24 100- 190 0.10- 0.50 0.43- 0.70 0.030- 0.10				
Copper Zinc Manganese Chromium Vanadium Molybdenum	13 36 0.05 0.45 0.050 0.091	11- 24 100- 190 0.10- 0.50 0.43- 0.70 0.030- 0.10 0.050- 0.13				
Copper Zinc Manganese Chromium Vanadium Molybdenum Boron	13 36 0.05 0.45 0.050 0.091 3.8	11- 24 100- 190 0.10- 0.50 0.43- 0.70 0.030- 0.10 0.050- 0.13 0.40- 3.5				
Copper Zinc Manganese Chromium Vanadium Molybdenum Boron Iodine	13 36 0.05 0.45 0.050 0.091 3.8 1.1	11- 24 100- 190 0.10- 0.50 0.43- 0.70 0.030- 0.10 0.050- 0.13 0.40- 3.5 0.25- 1.3				
Copper Zinc Manganese Chromium Vanadium Molybdenum Boron Iodine Lithium	13 36 0.05 0.45 0.050 0.091 3.8 1.1 0.008	11- 24 100- 190 0.10- 0.50 0.43- 0.70 0.030- 0.10 0.050- 0.13 0.40- 3.5 0.25- 1.3 0.007- 0.020				
Copper Zinc Manganese Chromium Vanadium Molybdenum Boron Iodine Lithium Phosphorus	13 36 0.05 0.45 0.050 0.091 3.8 1.1 0.008 248	11- 24 100- 190 0.10- 0.50 0.43- 0.70 0.030- 0.10 0.050- 0.13 0.40- 3.5 0.25- 1.3 0.007- 0.020 150- 220				
Copper Zinc Manganese Chromium Vanadium Molybdenum Boron Iodine Lithium Phosphorus Selenium	13 36 0.05 0.45 0.050 0.091 3.8 1.1 0.008 248 0.86	11- 24 100- 190 0.10- 0.50 0.43- 0.70 0.030- 0.10 0.050- 0.13 0.40- 3.5 0.25- 1.3 0.007- 0.020 150- 220 0.70- 1.1				
Copper Zinc Manganese Chromium Vanadium Molybdenum Boron Iodine Lithium Phosphorus Selenium Strontium	13 36 0.05 0.45 0.050 0.091 3.8 1.1 0.008 248 0.86 0.10	11- 24 100- 190 0.10- 0.50 0.43- 0.70 0.030- 0.10 0.050- 0.13 0.40- 3.5 0.25- 1.3 0.007- 0.020 150- 220 0.70- 1.1 0.19- 2.0				
Copper Zinc Manganese Chromium Vanadium Molybdenum Boron Iodine Lithium Phosphorus Selenium Strontium Sulfur	13 36 0.05 0.45 0.050 0.091 3.8 1.1 0.008 248 0.86 0.10 51500	11- 24 100- 190 0.10- 0.50 0.43- 0.70 0.030- 0.10 0.050- 0.13 0.40- 3.5 0.25- 1.3 0.007- 0.020 150- 220 0.70- 1.1 0.19- 2.0 45500- 53000				
Copper Zinc Manganese Chromium Vanadium Molybdenum Boron Iodine Lithium Phosphorus Selenium Strontium Sulfur Cobalt	13 36 0.05 0.45 0.050 0.091 3.8 1.1 0.008 248 0.86 0.10 51500 0.016	11- 24 100- 190 0.10- 0.50 0.43- 0.70 0.030- 0.10 0.050- 0.13 0.40- 3.5 0.25- 1.3 0.007- 0.020 150- 220 0.70- 1.1 0.19- 2.0 45500- 53000 0.005- 0.030				
Copper Zinc Manganese Chromium Vanadium Molybdenum Boron Iodine Lithium Phosphorus Selenium Strontium Sulfur Cobalt Iron	13 36 0.05 0.45 0.050 0.091 3.8 1.1 0.008 248 0.86 0.10 51500 0.016 18	11- 24 100- 190 0.10- 0.50 0.43- 0.70 0.030- 0.10 0.050- 0.13 0.40- 3.5 0.25- 1.3 0.007- 0.020 150- 220 0.70- 1.1 0.19- 2.0 45500- 53000 0.005- 0.030 7.0- 16				
Copper Zinc Manganese Chromium Vanadium Molybdenum Boron Iodine Lithium Phosphorus Selenium Strontium Sulfur Cobalt Iron Germanium	13 36 0.05 0.45 0.050 0.091 3.8 1.1 0.008 248 0.86 0.10 51500 0.016 18 0.033	11- 24 100- 190 0.10- 0.50 0.43- 0.70 0.030- 0.10 0.050- 0.13 0.40- 3.5 0.25- 1.3 0.007- 0.020 150- 220 0.70- 1.1 0.19- 2.0 45500- 53000 0.005- 0.030 7.0- 16 0.030- 0.040				
Copper Zinc Manganese Chromium Vanadium Molybdenum Boron Iodine Lithium Phosphorus Selenium Strontium Sulfur Cobalt Iron Germanium Rubidium	13 36 0.05 0.45 0.050 0.091 3.8 1.1 0.008 248 0.86 0.10 51500 0.016 18 0.033 0.19	11- 24 100- 190 0.10- 0.50 0.43- 0.70 0.030- 0.10 0.050- 0.13 0.40- 3.5 0.25- 1.3 0.007- 0.020 150- 220 0.70- 1.1 0.19- 2.0 45500- 53000 0.005- 0.030 7.0- 16 0.030- 0.040 0.012- 0.16				
Potassium Copper Zinc Manganese Chromium Vanadium Molybdenum Boron Iodine Lithium Phosphorus Selenium Strontium Sulfur Cobalt Iron Germanium Rubidium Zirconium	13 36 0.05 0.45 0.050 0.091 3.8 1.1 0.008 248 0.86 0.10 51500 0.016 18 0.033 0.19 0.30	11- 24 100- 190 0.10- 0.50 0.43- 0.70 0.030- 0.10 0.050- 0.13 0.40- 3.5 0.25- 1.3 0.007- 0.020 150- 220 0.70- 1.1 0.19- 2.0 45500- 53000 0.005- 0.030 7.0- 16 0.030- 0.040 0.012- 0.16 0.030- 1.0				
Copper Zinc Manganese Chromium Vanadium Molybdenum Boron Iodine Lithium Phosphorus Selenium Strontium Sulfur Cobalt Iron Germanium Rubidium Zirconium	13 36 0.05 0.45 0.050 0.091 3.8 1.1 0.008 248 0.86 0.10 51500 0.016 18 0.033 0.19 0.30	11- 24 100- 190 0.10- 0.50 0.43- 0.70 0.030- 0.10 0.050- 0.13 0.40- 3.5 0.25- 1.3 0.007- 0.020 150- 220 0.70- 1.1 0.19- 2.0 45500- 53000 0.005- 0.030 7.0- 16 0.030- 0.040 0.012- 0.16			RATIOS	
Copper Zinc Manganese Chromium Vanadium Molybdenum Boron Iodine Lithium Phosphorus Selenium Strontium Sulfur Cobalt Iron Germanium Rubidium Zirconium COMMENTS:	13 36 0.05 0.45 0.050 0.091 3.8 1.1 0.008 248 0.86 0.10 51500 0.016 18 0.033 0.19 0.30	11- 24 100- 190 0.10- 0.50 0.43- 0.70 0.030- 0.10 0.050- 0.13 0.40- 3.5 0.25- 1.3 0.007- 0.020 150- 220 0.70- 1.1 0.19- 2.0 45500- 53000 0.005- 0.030 7.0- 16 0.030- 0.040 0.012- 0.16 0.030- 1.0  PECIMEN DATA				EXPECTED
Copper Zinc Manganese Chromium Vanadium Molybdenum Boron Iodine Lithium Phosphorus Selenium Strontium Strontium Germanium Rubidium Zirconium  COMMENTS: Date Collected: 11	13 36 0.05 0.45 0.050 0.091 3.8 1.1 0.008 248 0.86 0.10 51500 0.016 18 0.033 0.19 0.30	11- 24 100- 190 0.10- 0.50 0.43- 0.70 0.030- 0.10 0.050- 0.13 0.40- 3.5 0.25- 1.3 0.007- 0.020 150- 220 0.70- 1.1 0.19- 2.0 45500- 53000 0.005- 0.030 7.0- 16 0.030- 0.040 0.012- 0.16 0.030- 1.0	0.202 g	ELEMENTS	RATIOS	EXPECTED
Copper Zinc Manganese Chromium Vanadium Molybdenum Boron Iodine Lithium Phosphorus Selenium Strontium Strontium Germanium Rubidium Zirconium COMMENTS: Date Collected: 13 Date Received: 13	13 36 0.05 0.45 0.050 0.091 3.8 1.1 0.008 248 0.86 0.10 51500 0.016 18 0.033 0.19 0.30 SI	11- 24 100- 190 0.10- 0.50 0.43- 0.70 0.030- 0.10 0.050- 0.13 0.40- 3.5 0.25- 1.3 0.007- 0.020 150- 220 0.70- 1.1 0.19- 2.0 45500- 53000 0.005- 0.030 7.0- 16 0.030- 0.040 0.012- 0.16 0.030- 1.0  PECIMEN DATA	0.202 g Head	ELEMENTS Ca/Mg		
Copper Zinc Manganese Chromium Vanadium Molybdenum Boron Iodine Lithium Phosphorus Selenium Strontium Sulfur Cobalt Iron Germanium Rubidium Zirconium  COMMENTS: Date Collected: 13 Date Received: 13	13 36 0.05 0.45 0.050 0.091 3.8 1.1 0.008 248 0.86 0.10 51500 0.016 18 0.033 0.19 0.30 SI	11- 24 100- 190 0.10- 0.50 0.43- 0.70 0.030- 0.10 0.050- 0.13 0.40- 3.5 0.25- 1.3 0.007- 0.020 150- 220 0.70- 1.1 0.19- 2.0 45500- 53000 0.005- 0.030 7.0- 16 0.030- 0.040 0.012- 0.16 0.030- 1.0  PECIMEN DATA  Sample Size:			RATIOS	<b>RANGE</b> 4 - 30 1 - 12
Copper Zinc Manganese Chromium Vanadium Molybdenum Boron Iodine Lithium Phosphorus Selenium Strontium Strontium Germanium Rubidium Zirconium  COMMENTS: Date Collected: 11	13 36 0.05 0.45 0.050 0.091 3.8 1.1 0.008 248 0.86 0.10 51500 0.016 18 0.033 0.19 0.30 SI	11- 24  100- 190  0.10- 0.50  0.43- 0.70  0.030- 0.10  0.050- 0.13  0.40- 3.5  0.25- 1.3  0.007- 0.020  150- 220  0.70- 1.1  0.19- 2.0  45500- 53000  0.005- 0.030  7.0- 16  0.030- 0.040  0.012- 0.16  0.030- 1.0  PECIMEN DATA  Sample Size: Sample Type:	Head	Ca/Mg	RATIOS 25.4	<b>RANGE</b> 4 - 30
Copper Zinc Manganese Chromium Vanadium Molybdenum Boron Iodine Lithium Phosphorus Selenium Strontium Sulfur Cobalt Iron Germanium Rubidium Zirconium  COMMENTS: Date Collected: 13 Date Received: 13 Date Completed: 13 Client Reference:	13 36 0.05 0.45 0.050 0.091 3.8 1.1 0.008 248 0.86 0.10 51500 0.016 18 0.033 0.19 0.30 SI	11- 24  100- 190  0.10- 0.50  0.43- 0.70  0.030- 0.10  0.050- 0.13  0.40- 3.5  0.25- 1.3  0.007- 0.020  150- 220  0.70- 1.1  0.19- 2.0  45500- 53000  0.005- 0.030  7.0- 16  0.030- 0.040  0.012- 0.16  0.030- 1.0  PECIMEN DATA  Sample Size: Sample Type: Hair Color:	Head	Ca/Mg Ca/P	RATIOS 25.4 0.512	<b>RANGE</b> 4 - 30 1 - 12

## **Health history for hair test 428**

- 1. What are your current symptoms and health history? Covers ears when hears certain sounds
- 2. Dental history (Wisdom teeth removed and when? Any other extractions. First root canal placed? Braces? First amalgam etc...) No dental history
- 3. What dental work do you currently have in place? What part of the dental clean-up have you completed? No dental history, she is 3 years old.
- 4. What dentistry did your mother have at any time before or during pregnancy? 2 amalgam fillings, one root canal.
- 5. What vaccinations have you had and when (including flu and especially travel shots)? All standard vaccines for our area.
- 6. Supplements and medications (including dosages) taken at time of hair test, or for the 3-6 months before the sample was taken? Vitamin D 1000 IU per week, Vitamin C 60mg per day
- 7. What is your age, height and weight? 3.5 years, 36 inches, 30 pounds.
- 8. Other information you feel may be relevant? No
- 9. What is your location city & country (so that we can learn where certain toxins are more prevalent). Long Island, New York, USA