



AGE: 5

nucleotide blend

Bethel, ME 04217 U.S.A.

with love & hope, Dr. Amy

Toxic & Essential Elements; Hair

with your own doctor as tolerated

slowly layer in

1

Dr. Amy

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 <sup>th</sup> 95 <sup>th</sup>
Aluminum (Al)	6.6	< 8.0	██████████
Antimony (Sb)	0.035	< 0.066	██████████
Arsenic (As)	0.028	< 0.080	██████████
Barium (Ba)	1.5	< 0.50	██████████
Beryllium (Be)	< 0.01	< 0.020	██████████
Bismuth (Bi)	0.026	< 2.0	██████████
Cadmium (Cd)	0.029	< 0.070	██████████
Lead (Pb)	0.56	< 1.0	██████████
Mercury (Hg)	0.28	< 0.40	██████████
Platinum (Pt)	< 0.003	< 0.005	██████████
Thallium (Tl)	< 0.001	< 0.002	██████████
Thorium (Th)	< 0.001	< 0.002	██████████
Uranium (U)	0.034	< 0.060	██████████
Nickel (Ni)	0.24	< 0.20	██████████
Silver (Ag)	0.46	< 0.20	██████████
Tin (Sn)	0.11	< 0.30	██████████
Titanium (Ti)	0.36	< 1.0	██████████
Total Toxic Representation			██████████

ESSENTIAL AND OTHER ELEMENTS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 2.5 <sup>th</sup> 16 <sup>th</sup> 50 <sup>th</sup> 84 <sup>th</sup> 97.5 <sup>th</sup>
Calcium (Ca)	893	125- 370	██████████
Magnesium (Mg)	160	12- 30	██████████
Sodium (Na)	67	20- 200	██████████
Potassium (K)	41	12- 200	██████████
Copper (Cu)	430	11- 18	██████████
Zinc (Zn)	250	100- 190	██████████
Manganese (Mn)	0.22	0.10- 0.50	██████████
Chromium (Cr)	0.75	0.43- 0.80	██████████
Vanadium (V)	0.032	0.030- 0.10	██████████
Molybdenum (Mo)	0.048	0.050- 0.13	██████████
Boron (B)	4.5	0.70- 5.0	██████████
Iodine (I)	0.95	0.25- 1.3	██████████
Lithium (Li)	0.011	0.007- 0.020	██████████
Phosphorus (P)	142	150- 220	██████████
Selenium (Se)	0.72	0.70- 1.1	██████████
Strontium (Sr)	1.2	0.16- 1.0	██████████
Sulfur (S)	48800	45500- 53000	██████████
Cobalt (Co)	0.033	0.004- 0.020	██████████
Iron (Fe)	8.0	7.0- 16	██████████
Germanium (Ge)	0.037	0.030- 0.040	██████████
Rubidium (Rb)	0.051	0.016- 0.18	██████████
Zirconium (Zr)	0.24	0.040- 1.0	██████████

SPECIMEN DATA		RATIOS		
COMMENTS: All in One + PS/PE/PC + DHA +		ELEMENTS	RATIOS	RANGE
Date Collected: 12/16/2015	Sample Size: 0.195 g	Ca/Mg	5.58	4- 30
Date Received: 12/21/2015	Sample Type: Head	Ca/P	6.29	0.8- 8
Date Completed: 12/26/2015	Hair Color: Blond	Na/K	1.63	0.5- 10
Methodology: ICP/MS	Treatment:	Zn/Cu	0.581	4- 20
	Shampoo: Aubrey Organics	Zn/Cd	> 999	> 800

THEN run 2 HMT in 3-4 months to recheck levels





SEX: Male  
AGE: 6

279 WALKERS HILLS RD  
Bethel, ME 04217 U.S.A.

*Suggestions for your consideration.  
As always, work with your Doctor.  
With love & hope, Dr. Amy*

**Toxic & Essential Elements; Hair**

*Low dose Lon Transport AS TOLERATED with your OWN DOCTOR + Inflammatory Pathway CAP*

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 <sup>th</sup> 95 <sup>th</sup>
Aluminum (Al)	16	< 8.0	
Antimony (Sb)	0.048	< 0.066	
Arsenic (As)	0.015	< 0.080	
Barium (Ba)	0.87	< 0.75	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	0.13	< 2.0	
Cadmium (Cd)	0.052	< 0.070	
Lead (Pb)	0.91	< 1.0	
Mercury (Hg)	0.30	< 0.40	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	< 0.001	< 0.002	
Thorium (Th)	< 0.001	< 0.002	
Uranium (U)	0.060	< 0.060	
Nickel (Ni)	0.29	< 0.20	
Silver (Ag)	0.33	< 0.14	
Tin (Sn)	0.17	< 0.30	
Titanium (Ti)	0.38	< 0.70	
Total Toxic Representation			

ESSENTIAL AND OTHER ELEMENTS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 2.5 <sup>th</sup> 16 <sup>th</sup> 50 <sup>th</sup> 84 <sup>th</sup> 97.5 <sup>th</sup>
Calcium (Ca)	651	160- 500	
Magnesium (Mg)	130	12- 50	
Sodium (Na)	47	20- 200	
Potassium (K)	32	12- 140	
Copper (Cu)	210	11- 32	
Zinc (Zn)	310	110- 190	
Manganese (Mn)	0.73	0.08- 0.50	
Chromium (Cr)	0.42	0.40- 0.70	
Vanadium (V)	0.12	0.025- 0.10	
Molybdenum (Mo)	0.057	0.040- 0.090	
Boron (B)	1.8	0.50- 3.5	
Iodine (I)	0.72	0.25- 1.3	
Lithium (Li)	0.006	0.007- 0.020	
Phosphorus (P)	128	150- 220	
Selenium (Se)	0.73	0.70- 1.1	
Strontium (Sr)	0.95	0.21- 2.1	
Sulfur (S)	46200	44000- 51000	
Cobalt (Co)	0.043	0.004- 0.020	
Iron (Fe)	9.6	7.0- 16	
Germanium (Ge)	0.037	0.030- 0.040	
Rubidium (Rb)	0.041	0.008- 0.080	
Zirconium (Zr)	0.81	0.060- 0.70	

SPECIMEN DATA		RATIOS	
COMMENTS: Also okay to add Black Beet low dose hydroxy + adenosyl B12 + low dose liquid methyl salt + follicle plus with		ELEMENTS	RATIOS
Date Collected: 09/05/2016	Sample Size: 0.2 g	Ca/Mg	5.01
Date Received: 09/09/2016	Sample Type: Head	Ca/P	5.09
Date Completed: 09/13/2016	Hair Color: Brown	Na/K	1.47
Methodology: ICP/MS	Treatment:	Zn/Cu	1.48
	Shampoo: Aubrey	Zn/Cd	> 999
		RANGE	
		Ca/Mg	4- 30
		Ca/P	0.8- 8
		Na/K	0.5- 10
		Zn/Cu	4- 20
		Zn/Cd	> 800

## Health history for hair test 1167

1. Autism. Diagnosed at age 2. Extremely hyperactive, VERY fidgety, needs a lot of sensory input (likes wearing pressure vests, picks at socks, chews on fingernails, etc), limited speech, very limited social skills, likes structure, can be very anxious, beautiful smile
2. No cavities or dental work
3. None
4. Mom had metal fillings for cavities... about 4 or 5, all 4 wisdom teeth removed (both before pregnancy), mom currently has permanent thin metal? retainer behind bottom teeth and one porcelain crown with metal under it
5. All (including MMR and one flu shot) till age 2 then no further vaccines
6. 3-6 months before the hair sample was taken was a ridiculous amount of supplements: Inositol, NAC, Broccoli Sprouts, Magnesium, Vitamin D3/K2, Probiotics, Brain Sustain by Xymogen (which had a little bit of ALA in it), Biocidin, B vitamins, Glutathione, Glutamine, Rescue Remedies Kids, Digestive Enzymes, Zinc, and I'm probably missing one or 2 things
7. Age 6, @54", @50lbs
8. Swims 3x per week in a pool for an hour for occupational therapy
9. Minnesota (Detroit for first 4 months after birth)