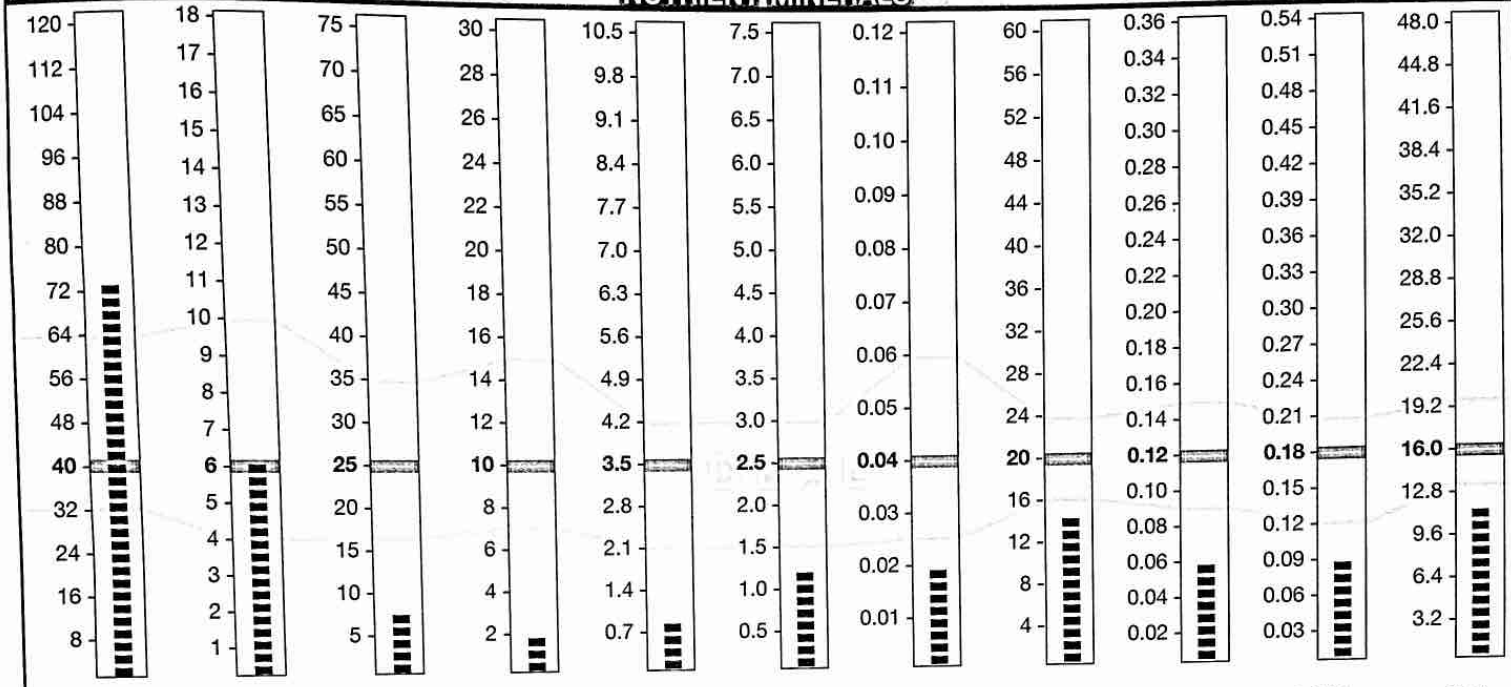
ARL ANALYTICAL RESEARCH LABS, INC.
2225 W. Alice Ave. • Phoenix, AZ 85021 USA • (602) 995-1580

PATIENT NAME:

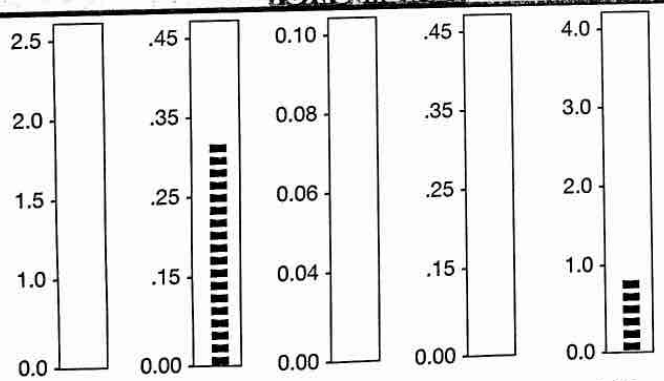
SEX:	AGE:	DATE:
M	40	10/7/16

NUTRIENT MINERALS



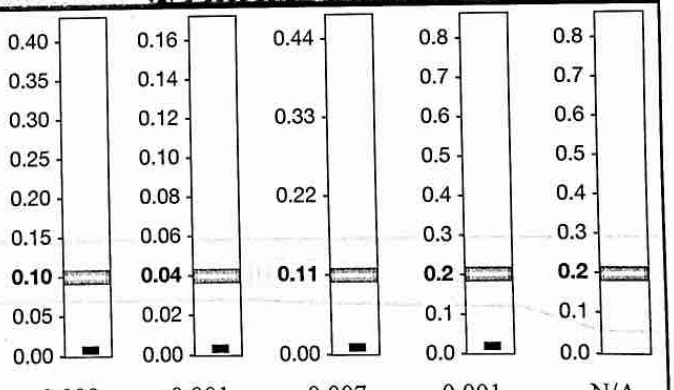
CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	IRON (Fe)	COPPER (Cu)	MANGANESE (Mn)	ZINC (Zn)	CHROMIUM (Cr)	SELENIUM (Se)	PHOSPHORUS (P)
74.0	6.0	7.0	2.0	0.9	1.2	0.019	14.0	0.056	0.083	11.0
PREVIOUS TEST	PREVIOUS TEST	PREVIOUS TEST	PREVIOUS TEST	PREVIOUS TEST	PREVIOUS TEST	PREVIOUS TEST	PREVIOUS TEST	PREVIOUS TEST	PREVIOUS TEST	PREVIOUS TEST

TOXIC METALS



LEAD (Pb)	MERCURY (Hg)	CADMIUM (Cd)	ARSENIC (As)	ALUMINUM (Al)
0.039	0.311	0.002	0.004	0.92
PREVIOUS TEST	PREVIOUS TEST	PREVIOUS TEST	PREVIOUS TEST	PREVIOUS TEST

ADDITIONAL MINERALS



NICKEL (Ni)	COBALT (Co)	MOLYBDENUM (Mo)	LITHIUM (Li)	BORON (B)
0.009	0.001	0.007	0.001	N/A
PREVIOUS TEST	PREVIOUS TEST	PREVIOUS TEST	PREVIOUS TEST	PREVIOUS TEST

SIGNIFICANT MINERAL RATIOS

MINERAL RATIO	IDEAL RATIO	CURRENT RATIO	% OF IDEAL	PREVIOUS RATIO	LOW / IDEAL / HIGH
CA/MG	6.67	12.33	185		
CA/K	4.00	37.00	925		
NA/MG	4.17	1.17	28		
NA/K	2.50	3.50	140		
ZN/CU	8.00	11.67	146		
CA/P	2.50	6.73	269		

MIXED OXIDIZER ☐ FAST OXIDIZER ☐ SLOW OXIDIZER ***

N/A -- NOT AVAILABLE REPORTED IN Mg/% Testing by ACCUTRACE LABORATORIES, INC. • CLIA# 03D0641886 • 2225 W. Alice Ave., Phoenix, AZ 85021

 ARL-10 10/14

DOCTOR'S DATA INC

SEX: Male
AGE: 41

What is your main health concern?

Defer to your doctor as always

With love & hope, Dr. Amy

Toxic & Essential Elements; Hair

TOXIC METALS		RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68th 95th
Aluminum	(Al)	2.8	< 7.0	
Antimony	(Sb)	0.018	< 0.066	
Arsenic	(As)	0.049	< 0.080	
Barium	(Ba)	0.52	< 1.0	
Beryllium	(Be)	< 0.01	< 0.020	
Bismuth	(Bi)	0.010	< 2.0	
Cadmium	(Cd)	0.016	< 0.065	
Lead	(Pb)	0.21	< 0.80	
Mercury	(Hg)	0.25	< 0.80	
Platinum	(Pt)	< 0.003	< 0.005	
Thallium	(Tl)	< 0.001	< 0.002	
Thorium	(Th)	< 0.001	< 0.002	
Uranium Ultrafiltered	(U)	0.62	< 0.060	
Nickel	(Ni)	0.16	< 0.20	
Silver	(Ag)	0.02	< 0.08	
Tin	(Sn)	0.07	< 0.30	
Titanium	(Ti)	0.22	< 0.60	
Total Toxic Representation				

Metal Away + ATP + MTHFR Nutr Cofs

All in One + BeCalm + PS/PEA + DHA + Ultimate B

Goals as needed

Run a Home Water Test

Ribosphos + ATP + Mitoforce

Inflammatory Pathway Cop + General nuc. Med

DOCTOR'S DATA INC

SEX: Male
AGE: 41

Defer to your doctor

ESSENTIAL AND OTHER ELEMENTS

		RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 2.5th 16th 50th 84th 97.5th
Calcium	(Ca)	627	200- 750	
Magnesium	(Mg)	33	25- 75	Magnesium
Sodium	(Na)	100	20- 180	
Potassium	(K)	70	9- 80	
Copper	(Cu)	28	11- 30	
Zinc	(Zn)	220	130- 200	+ Zinc
Manganese Run2Home	(Mn)	0.54	0.08- 0.50	
Chromium WaterTest	(Cr)	0.55	0.40- 0.70	
Vanadium	(V)	0.18	0.018- 0.065	Molybdenum + Black Bear
Molybdenum	(Mo)	0.045	0.025- 0.060	
Boron	(B)	1.0	0.40- 3.0	
Iodine	(I)	1.3	0.25- 1.8	
Lithium All in One +	(Li)	0.009	0.007- 0.020	
Phosphorus Be Calm +	(P)	129	150- 220	ATP + Ribos phos
Selenium BioNatrues	(Se)	0.85	0.70- 1.2	
Strontium minerals	(Sr)	2.1	0.30- 3.5	NTFC cap
Sulfur	(S)	44600	44000- 50000	
Cobalt	(Co)	0.004	0.004- 0.020	
Iron	(Fe)	5.0	7.0- 16	Dandelion leaf
Germanium	(Ge)	0.033	0.030- 0.040	
Rubidium	(Rb)	0.080	0.011- 0.12	
Zirconium	(Zr)	0.031	0.020- 0.44	

Okay to also add low dose Hydroxy + Adenosyl B12 with Black Bear & low dose liquid methyl folate drops & Folinic Plus THEN retest 2 HMT & UTEE to recheck lithium

DOCTOR'S DATA INC

SEX: Male
AGE: 41

Toxic & Essential Elements; Hair

TOXIC METALS

		RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68th – 95th
Aluminum	(Al)	2.8	< 7.0	
Antimony	(Sb)	0.018	< 0.066	
Arsenic	(As)	0.049	< 0.080	
Barium	(Ba)	0.52	< 1.0	
Beryllium	(Be)	< 0.01	< 0.020	
Bismuth	(Bi)	0.010	< 2.0	
Cadmium	(Cd)	0.016	< 0.065	
Lead	(Pb)	0.21	< 0.80	
Mercury	(Hg)	0.25	< 0.80	
Platinum	(Pt)	< 0.003	< 0.005	
Thallium	(Tl)	< 0.001	< 0.002	
Thorium	(Th)	< 0.001	< 0.002	
Uranium	(U)	0.62	< 0.060	
Nickel	(Ni)	0.16	< 0.20	
Silver	(Ag)	0.02	< 0.08	
Tin	(Sn)	0.07	< 0.30	
Titanium	(Ti)	0.22	< 0.60	
Total Toxic Representation				

ESSENTIAL AND OTHER ELEMENTS

		RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 2.5th – 16th – 50th – 84th – 97.5th
Calcium	(Ca)	627	200 – 750	
Magnesium	(Mg)	33	25 – 75	
Sodium	(Na)	100	20 – 180	
Potassium	(K)	70	9 – 80	
Copper	(Cu)	28	11 – 30	
Zinc	(Zn)	220	130 – 200	
Manganese	(Mn)	0.54	0.08 – 0.50	
Chromium	(Cr)	0.55	0.40 – 0.70	
Vanadium	(V)	0.18	0.018 – 0.065	
Molybdenum	(Mo)	0.045	0.025 – 0.060	
Boron	(B)	1.0	0.40 – 3.0	
Iodine	(I)	1.3	0.25 – 1.8	
Lithium	(Li)	0.009	0.007 – 0.020	
Phosphorus	(P)	129	150 – 220	
Selenium	(Se)	0.85	0.70 – 1.2	
Strontium	(Sr)	2.1	0.30 – 3.5	
Sulfur	(S)	44600	44000 – 50000	
Cobalt	(Co)	0.004	0.004 – 0.020	
Iron	(Fe)	5.0	7.0 – 16	
Germanium	(Ge)	0.033	0.030 – 0.040	
Rubidium	(Rb)	0.080	0.011 – 0.12	
Zirconium	(Zr)	0.031	0.020 – 0.44	

SPECIMEN DATA

COMMENTS:

Date Collected:
Date Received: 06/30/2017
Date Completed: 07/01/2017
Methodology: ICP/MS

Sample Size: 0.201 g
Sample Type: Head
Hair Color:
Treatment:
Shampoo:

RATIOS

ELEMENTS	RATIOS	RANGE
Ca/Mg	19	4 – 30
Ca/P	4.86	0.8 – 8
Na/K	1.43	0.5 – 10
Zn/Cu	7.86	4 – 20
Zn/Cd	> 999	> 800

What are your current symptoms and health history?

- Tremors in both hands, subtle.
- Vision issues (halo left eye) - started within a month or so of the dump event.
- Muscle weakness, atrophy, and fasciculations (mostly right leg) - started within a month or so of the dump event.
- Chronic fatigue (started immediately after dump event)
- Intermittent breathing issues (ended up in ER once)
- Hypothyroidism (came on in months following dump event)
- Alopecia (started right after "dump" event occurred)
- Constipation (new for me)
- Irritable, low patience (new for me)

Prior to dump event, was health, avid outdoors person.. mountain bike, run, hike, etc.

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

No cavities. No metal in mouth

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

None

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

Multiple fillings

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

Too many to mention. Army shot me full of garbage in addition to childhood vaccines

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

Can't recall now the specifics, but many vitamins and minerals, as well as amino acids.

What is your age, height and weight?

42, 6 4", 190

Other information you feel may be relevant?

My symptoms came on like a ton of bricks. Far worse and longer list than what is noted above. Hit after eating a health food bar made of spirulina. Prior to that , started to notice minor hand tremors. Otherwise was healthy and an avid active outdoor guy with plenty of exercise.

Was a heavy heavy fish water for 15 years.

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

Simi Valley, CA, USA