



HAIR TEST: 1330

SEX: Female

AGE: 49

Toxic & Essential Elements; Hair

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum (Al)	2.7	< 7.0	
Antimony (Sb)	0.012	< 0.050	
Arsenic (As)	0.019	< 0.060	
Barium (Ba)	0.39	< 2.0	
Beryllium (Be)	0.74	< 0.020	
Bismuth (Bi)	0.006	< 2.0	
Cadmium (Cd)	0.11	< 0.050	
Lead (Pb)	0.40	< 0.60	
Mercury (Hg)	< 0.03	< 0.80	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	< 0.001	< 0.002	
Thorium (Th)	< 0.001	< 0.002	
Uranium (U)	0.31	< 0.060	
Nickel (Ni)	0.21	< 0.30	
Silver (Ag)	0.16	< 0.15	
Tin (Sn)	0.23	< 0.30	
Titanium (Ti)	0.12	< 0.70	
Total Toxic Representation			

ESSENTIAL AND OTHER ELEMENTS					
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 2.5 th 16 th 50 th 84 th 97.5 th		
Calcium (Ca)	236	300- 1200			
Magnesium (Mg)	97	35- 120			
Sodium (Na)	110	20- 250			
Potassium (K)	18	8- 75			
Copper (Cu)	18	11- 37			
Zinc (Zn)	230	140- 220			
Manganese (Mn)	0.63	0.08- 0.60			
Chromium (Cr)	0.45	0.40- 0.65			
Vanadium (V)	< 0.008	0.018- 0.065			
Molybdenum (Mo)	0.035	0.020- 0.050			
Boron (B)	0.20	0.25- 1.5			
Iodine (I)	0.29	0.25- 1.8			
Lithium (Li)	0.045	0.007- 0.020			
Phosphorus (P)	121	150- 220			
Selenium (Se)	1.7	0.55- 1.1			
Strontium (Sr)	0.64	0.50- 7.6			
Sulfur (S)	47400	44000- 50000			
Cobalt (Co)	0.010	0.005- 0.040			
Iron (Fe)	7.2	7.0- 16			
Germanium (Ge)	0.037	0.030- 0.040			
Rubidium (Rb)	0.022	0.007- 0.096			
Zirconium (Zr)	0.21	0.020- 0.42			

SPECIMEN DATA		RATIOS		
COMMENTS:		ELEMENTS	RATIOS	RANGE
Date Collected: 01/02/2017	Sample Size: 0.198 g	Ca/Mg	2.43	4- 30
Date Received: 01/09/2017	Sample Type: Head	Ca/P	1.95	1- 12
Date Completed: 01/11/2017	Hair Color: Brown	Na/K	6.11	0.5- 10
Methodology: ICP/MS	Treatment:	Zn/Cu	12.8	4- 20
	Shampoo: Aveda	Zn/Cd	> 999	> 800

Female, 49yrs, 5'10 190lbs
Manitou Springs Colorado

What are your current symptoms and health history? Chronic Pain, thyroid, Crohn's/Celiac, insomnia, sleep apnea, and low immunity.

Dental history: Four extractions of premolars before braces. Wisdom teeth removed after braces. Braces as teenager, 8-10 amalgams late teens after braces, more amalgam added to existing cavities through my 20's. Amalgams removed early 30's, no chelation. Amalgams replaced with crowns and composites. All composites replaced with crowns in late 40's. 7 root canals over the past 10 years. Three teeth with amalgam around crowns that still needs to be removed. No amalgam in root canals.

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

What vaccinations have you had and when (including flu and especially travel shots)?
As a child I had -Smallpox, Diphtheria*, Tetanus*, Pertussis*, Polio (OPV), Measles, Mumps, Rubella, * Given in combination as DTP
As an adult I have had 1 Flu shot

Other information you feel may be relevant? I had vaccine reactions as child. Lost tonsils at age 2. Very sick during childhood. Lived off of antibiotics. Mother of hair test 1226.

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

Fentanyl Patch 75mcg Daily
5 Baclofen 10 mg ea
5 Buspar 10 mg ea
1 Xanax .5mg ea weaning off
1 MSIR 10 mg
1 Flexeril 15mg
1 Synthroid 125mcg
6 Pentasa 500mg ea
3 Ento Cort 3mg ea
1 Stool Stimulant Docusate 50mg/Sennosides 8.6mg
2 Stool Softener 250mg ea
PRN up to 2 MSIR and/or 2 Percocet

1 Purple Defense Resveratrol-Mercola
6 Mannatech PLUS
5 Magnesium – JigSaw 150mg
3 Mannatech Ambrotose glyconutrients
2 Ultra High EPA/DHA Fish Oil 500mg each DHA

Cod Liver Oil- Rosita 1 tsp daily current- **just started**

1 Krill Oil 1000mg

2 Flax/Borage 500mg

1 Provinal Purified Omega 7 – **just stopped**

1 Vit. D 10,000 iu's Vital Nutrients- **just stopped**

Vitamin K2 1000 mcg Thorne Liquid

1 CQ 10 Ubiquinol 200 NOW

1-2 Astaxanthin 4mg- NOW

1 Phyto Curcumin w/Enzymes Curcumin 1050mg, bromelain 100mg, Serratiopeptidase 12,000 units

1 Selenium –L-Selenomethionine -Source Naturals 200mcg

6 Platium Plus - amino acids- Dr. Vickery

1 Aloe Sea of Gold – iodine 50mg/glyconutrients - Dr. Vickery

2 Coco Thistle – milk thistle

Vit. C 500mg daily

Vit. B Complex SRT –**just started**

Vit E – D-Alpha 45iu, Gamma E Mixed Tocopherols 360mg & Tocotrienols 145mg current-**just started**

Boron 3 mg **just started**

Potassium 1000 mg over the day **just started**

Adrenal Complex by Thorne **just started**