



SEX: Female
AGE: 39

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

279 Walkers Mills Rd
Bethel, ME 04217 U.S.A.

Toxic & Essential Elements; Hair

TOXIC METALS				PERCENTILE	
		RESULT µg/g	REFERENCE INTERVAL	68 th	95 th
Aluminum (Al)		1.0	< 7.0		
Antimony (Sb)		< 0.01	< 0.050		
Arsenic (As)		0.027	< 0.060		
Barium (Ba)		0.38	< 2.0		
Beryllium (Be)		< 0.01	< 0.020		
Bismuth (Bi)		< 0.002	< 2.0		
Cadmium (Cd)		< 0.009	< 0.050		
Lead (Pb)		1.2	< 0.60		
Mercury (Hg)		0.76	< 0.80		
Platinum (Pt)		< 0.003	< 0.005		
Thallium (Tl)		< 0.001	< 0.002		
Thorium (Th)		< 0.001	< 0.002		
Uranium (U)		0.028	< 0.060		
Nickel (Ni)		0.06	< 0.30		
Silver (Ag)		0.20	< 0.15		
Tin (Sn)		0.02	< 0.30		
Titanium (Ti)		0.17	< 0.70		
Total Toxic Representation					

ESSENTIAL AND OTHER ELEMENTS				PERCENTILE				
		RESULT µg/g	REFERENCE INTERVAL	2.5 th	16 th	50 th	84 th	97.5 th
Calcium (Ca)		434	300- 1200					
Magnesium (Mg)		78	35- 120					
Sodium (Na)		2	20- 250					
Potassium (K)		< 3	8- 75					
Copper (Cu)		180	11- 37					
Zinc (Zn)		180	140- 220					
Manganese (Mn)		0.06	0.08- 0.60					
Chromium (Cr)		0.35	0.40- 0.65					
Vanadium (V)		0.020	0.018- 0.065					
Molybdenum (Mo)		0.023	0.020- 0.050					
Boron (B)		0.15	0.25- 1.5					
Iodine (I)		0.23	0.25- 1.8					
Lithium (Li)		< 0.004	0.007- 0.020					
Phosphorus (P)		164	150- 220					
Selenium (Se)		0.54	0.55- 1.1					
Strontium (Sr)		1.2	0.50- 7.6					
Sulfur (S)		45100	44000- 50000					
Cobalt (Co)		0.002	0.005- 0.040					
Iron (Fe)		5.0	7.0- 16					
Germanium (Ge)		0.033	0.030- 0.040					
Rubidium (Rb)		0.003	0.007- 0.096					
Zirconium (Zr)		< 0.007	0.020- 0.42					

SPECIMEN DATA		RATIOS		
COMMENTS:		ELEMENTS	RATIOS	RANGE
Date Collected: 07/24/2017		Ca/Mg	5.56	4- 30
Date Received: 07/29/2017		Ca/P	2.65	1- 12
Date Completed: 08/01/2017		Na/K	0.667	0.5- 10
Methodology: ICP/MS		Zn/Cu	1	4- 20
Sample Size: 0.204 g		Zn/Cd	> 999	> 800
Sample Type: Head				
Hair Color:				
Treatment:				
Shampoo:				

1. Current symptoms

Ulcerative colitis (diagnosed 13 years ago)

IBS (diagnosed 13 years ago)

PMDS with headache and nausea (more severe in latest years)

Fatigue

Migraine (diagnosed 19 years ago, less now 1-2 per year)

Allergy to all pollen and cats.

Lactose intolerance (not diagnosed)

Intolerance to gluten (not diagnosed)

Lost sense of smell about 4 years ago, have partial smell now

Cortisol spray in nose leads to swelling and sinus infection (allergy?)

Bad mood/depressed (more severe 20 years ago)

Health history

Lots of sinus infections (2011-2015)

2. First and only amalgam at 5 years old. Lost tooth with amalgam at 6 years old.
Both upper wisdom teeth removed. No root canals.

3. Current dental work 4 plastic fillings.

4. Mother had lots of amalgam in mouth before and during pregnancy.

5. Vaccinations:

Duplex in Sweden 1978

Child vaccines in Sweden 1978-1983

Child vaccines in Oman 1987

Travel shots in Sweden 1986-1987: typhoid, Tet + diphth, typhoid, BCG, MMR.

Meningococcal Meningitis Vaccine in Dubai 1987

Dukoral, cholera, twice 2005 and once 2008

Havrix, Hepatit A, 2005 and 2008

Pandemrix (H1N1) 2009

Encepur, TBE, 2011, 2012, 2017.

6. Supplements

Iron 32 mg

Multivitamins including: C-vitamin 120 mg, E-vitamin 20 mg, Zink 14 mg, Magnesium 116 mg and others.

Minifom, dimetikon 200mg

D-vitamin 2000IE

Medications

Asacol 2400mg

Tavegyl, klemastin 2 mg

8. Gothenburg, Sweden.