



SEX: Female
DOB: 12/09/1966

AGE: 58

Toxic & Essential Elements; Hair

TOXIC METALS				
		RESULT µg/g	REFERENCE INTERVAL	68 th PERCENTILE 95 th
Aluminum (Al)		2.1	< 7.0	
Antimony (Sb)		< 0.01	< 0.050	
Arsenic (As)		0.055	< 0.060	○ All in One
Barium (Ba)		0.22	< 2.0	
Beryllium (Be)		< 0.01	< 0.020	
Bismuth (Bi)		0.047	< 2.0	
Cadmium (Cd)		< 0.009	< 0.050	
Lead (Pb)		0.05	< 0.60	
Mercury (Hg)		0.12	< 0.80	
Platinum (Pt)		< 0.003	< 0.005	
Thallium (Tl)		< 0.001	< 0.002	
Thorium (Th)		< 0.001	< 0.002	
Uranium + Uth send (U)		2.0	< 0.060	○ Rule out uranium in water & radon in air
Nickel (Ni)		0.05	< 0.30	
Silver (Ag)		0.01	< 0.15	
Tin (Sn)		0.02	< 0.30	
Titanium (Ti)		0.04	< 0.70	
Total Toxic Representation				Mitoforce

A NOTE FROM DR. AMY
THESE SUGGESTIONS ARE FOR YOUR
CONSIDERATION. AS ALWAYS, CONSULT
WITH YOUR HEALTH CARE PROFESSIONAL

Defer to
your
doctor



LAB #: H250818-2459-1
 PATIENT: Joy Larson
 ID: LARSON-J-00754
 SEX: Female
 DOB: 12/09/1966

AGE: 58

CLIENT #: 39238
 DOCTOR:
 Neurological Research Institute Llc
 184 Bird Hill Road
 Bethel, ME 04217 U.S.A.

ESSENTIAL AND OTHER ELEMENTS								
		RESULT	REFERENCE	PERCENTILE				
		µg/g	INTERVAL	2.5 th	16 th	50 th	84 th	97.5 th
Calcium	(Ca)	325	300 - 1200					
Magnesium	(Mg)	31	35 - 120					
Sodium	(Na)	11	20 - 250					
Potassium	(K)	5	8 - 75					
Copper	(Cu)	9.7	11 - 37					
Zinc	(Zn)	150	140 - 220					
Manganese	(Mn)	0.04	0.08 - 0.60					
Chromium	(Cr)	0.53	0.40 - 0.65					
Vanadium	(V)	0.023	0.018 - 0.065					
Molybdenum	(Mo)	0.025	0.020 - 0.050					
Boron	(B)	1.5	0.25 - 1.5					
Iodine	(I)	0.32	0.25 - 1.8					
Lithium	(Li)	0.013	0.007 - 0.020					
Phosphorus	(P)	144	150 - 220					
Selenium	(Se)	0.71	0.55 - 1.1					
Strontium	(Sr)	2.7	0.50 - 7.6					
Sulfur	(S)	49500	44000 - 50000					
Cobalt	(Co)	0.002	0.005 - 0.040					
Iron	(Fe)	5.0	7.0 - 16					
Germanium	(Ge)	0.035	0.030 - 0.040					
Rubidium	(Rb)	0.006	0.007 - 0.096					
Zirconium	(Zr)	0.020	0.020 - 0.42					

10465
 magnesium
 potassium
 zinc/copper
 sulfate
 sensitive
 cap
 Mitoforex
 Hydroxy +
 Adenosyl
 B12

Liver well cap

A NOTE FROM DR. AMY
 THESE SUGGESTIONS ARE FOR YOUR
 CONSIDERATION. AS ALWAYS, CONSULT
 WITH YOUR HEALTH CARE PROFESSIONAL

HAIR TEST 1418 - History

1. Current symptoms include fatigue, daytime drowsiness and brain fog that ebbs and flows. I have always struggled with constipation and dry skin. For the last few years I have struggled with excessive bloating and a general feeling of fullness in my gut at night. I have female pattern hair loss diagnosed in 2022. Also, I have horrible hot flashes starting in 2015, oftentimes more than a dozen a day plus night sweats. Health history includes a 2022 removal of an parathyroid adenoma and also a stainless steel screw (up to 5% nickel) in my toe from a 2010 bunionectomy.

2. Dental history

Wisdom teeth removed approximately 25 years ago. First only root canal in 2023. That tooth was pulled in June due to infection. Infection subsequently treated with 3 rounds of amoxicillin (see #6 below). No braces. Quite a few amalgams as a youngster. Large amalgam replaced in 2024 with sinus swelling for weeks afterwards (which led to my research on mercury).

3. Last amalgam replaced July 2025

Currently I have only 1 crown and pics taken by dentist before it was placed showing no visible metal.

4. My mother had full dentures when I was a teen due to gum disease.

5. I have had flu shots several times but not since 2021 or thereabouts.

6. Medications:

Minoxidil: .625mg/day, upped to 1.25mg approximately 1 month prior to hair test

Amoxicillin: 875mg 2x/day for 3 separate weeks in June + July

Supplements:

D3 - 25mcg (1000 iu)

Methylfolate B complex+:

Riboflavin 30mg

B6 - 15mg

DFE Folate 1360mcg

B12 - 1000mcg

Betaine 600mg

Viviscal hair vitamin:

Vit C - 59mg

Niacin 12mg NE

Biotin 120 mcg

Calcium 60mg

Iron 10mg

Zinc 11mg

Aminomar Marine Complex(collagen type II

+oyster extract

powder) - 450mg

Horsetail extract 36.7mg

Millet seed extract 7.5mg

Biotin 7500mcg

Fish oil (sometimes) 1.4g omega3

7.

8. Moved from MN to AZ 5-10 years ago