## Toxic & Essential Elements; Hair

		TOXIC M	A REAL PROPERTY AND ADDRESS OF THE OWNER.		DEDOGUTU E	Section of the section of the
		RESULT REFERENCE µg/g INTERVAL		68 <sup>th</sup> 95 <sup>th</sup>		
Aluminum	(AI)	2.4	< 7.0			
Antimony	(Sb)	< 0.01	< 0.050			
Arsenic	(As)	0.030	< 0.060			
Barium	(Ba)	0.25	< 2.0	-		
Beryllium	(Be)	< 0.01	< 0.020			
Bismuth	(Bi)	< 0.002	< 2.0			
Cadmium	(Cd)	< 0.009	< 0.050			
Lead	(Pb)	0.09	< 0.60			
Mercury	(Hg)	0.94	< 0.80	All Manager and an August State	•	
Platinum	(Pt)	< 0.003	< 0.005			
Thallium	(TI)	< 0.001	< 0.002			
Thorium	(Th)	< 0.001	< 0.002			
Uranium	(U)	0.034	< 0.060			
Nickel	(Ni)	0.04	< 0.30	-		
Silver	(Ag)	0.03	< 0.15			
Tin	(Sn)	0.02	< 0.30	•		
Titanium	(Ti)	0.24	< 0.70			
Total Toxic Representation	(11)	VILT				
Total Toxic Representation	Contractory					
		ESSENTIAL AND O			PERCENTILE	
		RESULT µg/g	REFERENCE INTERVAL	2.5 <sup>th</sup> 16 <sup>th</sup>	50th	84 <sup>th</sup> 97.5 <sup>th</sup>
Calcium	(Ca)	224	300- 1200	-		and the second se
Magnesium	(Mg)	16	35- 120			
Sodium	(Na)	11	20- 250			
Potassium	(K)	8	8- 75	-		
Copper	(Cu)	14	11- 37			
Zinc	(Zn)	160	140- 220			
	(Mn)	0.11	0.08- 0.60			
Manganese Chromium	(Cr)	0.30	0.40- 0.65			
Vanadium	(V)	0.031	0.018- 0.065		•	
	(Mo)	0.072	0.020- 0.050		<b>C</b>	
Molybdenum Boron	(B)	0.31	0.25- 1.5			
	(1)	0.66	0.25- 1.8		•	
Iodine	(Li)	0.004	0.007- 0.020			
Lithium	(P)	123	150- 220			
Phosphorus Selenium	(Se)	1.1	0.55- 1.1			-
		0.88	0.50- 7.6			
Strontium	(Sr)	43800	44000- 50000			
Sulfur	(S)		0.005- 0.040	Cinere		
Cobalt	(Co)	0.004	7.0- 16			
Iron	(Fe)	6.5	0.030- 0.040	-		
Germanium	(Ge)	0.029				
Rubidium	(Rb)	0.009	0.007-0.096			
Zirconium	(Zr)	0.009	0.020- 0.42	on animal second statements		
	SPECIN	IEN DATA			RATIOS	
COMMENTS:				ELEMENTS	RATIOS	RANGE 4-3
		A 1 A		Ca/Mg	14	4- 3
Date Collected: 09/29/2014		Sample Size: 0.197	a	Ca/P	1.82	and the second se
Date Received: 10/15/2014		Sample Type: Head		Na/K	1.38	0.5-1
Date Completed: 10/17/2014		Hair Color:		Zn/Cu	11.4	4-2
Methodology: ICP/MS		Treatment:		Zn/Cd	> 999	> 80

Analyzed by @DOCTOR'S DATA, INC. • ADDRESS: 3755 Illinois Avenue, St. Charles, IL 60174-2420 • CLIA ID NO: 14D0646470 • MEDICARE PROVIDER NO: 148453

### What are your current symptoms and health history?

\*\*Hashimoto's, candida, hormone issues, occasional joint pain in fingers, lower back pain (haven't figured out source and have seen a few PTs about it), depression/irritability, foggy brain, extreme disorganization, list goes on and on

#### Dental history (Wisdom teeth removed and when? Any other extractions. First root canal placed?

\*\*Had quite a few almagams that were given as a child. Those have all been replaced (the last two were replaced last year - not by a biological dentist unfortunately). First root canal was in 1998 (metal in crown - gold?)

#### Braces? First amalgam etc...)

Braces 12-13 years old; suspect first amalgam when 6 or 7 years old

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

\*\*Currentely have a root canal and crown as well as quite a few composite fillings.

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

\*\*Not sure but she had almagams too

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

\*\*Tetanus booster 2007, vaccinations standard when child and some had to retake at age 18 to enter college because some given as a baby were done 1 day before my birthday so state didn't accept them for attending school.

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

Selenium 400 mg/day NAC 200 mg/day (3-6 mos prior) fermented cod liver oil (tsp every few days) Cod liver oil (tsp every few days) 5MFTH - 5mg/day Zinc - 50 mg/day T3/T4 compounded for thyroid daily progesterone (100-200 mg day 3-6 mos prior to test) Vitamin C occasionally

### What is your age, height and weight?

\*\*age 42, 5' 6", 143 lbs

#### Other information you feel may be relevant?

Worked in a dry cleaners in late 1980s where unsafe practices were used (open drums of PERC) which I always attributed to thyroid problems as adult.

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

Lakewood, CO USA