



SEX: Male
AGE: 48

Toxic & Essential Elements; Hair

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum (Al)	37	< 12	
Antimony (Sb)	0.39	< 0.080	
Arsenic (As)	0.079	< 0.12	
Barium (Ba)	0.37	< 1.5	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	0.037	< 2.0	
Cadmium (Cd)	< 0.009	< 0.065	
Lead (Pb)	0.71	< 1.5	
Mercury (Hg)	1.9	< 0.80	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	< 0.001	< 0.002	
Thorium (Th)	0.003	< 0.002	
Uranium (U)	0.014	< 0.060	
Nickel (Ni)	0.10	< 0.40	
Silver (Ag)	0.02	< 0.10	
Tin (Sn)	0.13	< 0.30	
Titanium (Ti)	0.78	< 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)	505	375- 1100	
Magnesium (Mg)	330	40- 140	
Sodium (Na)	250	60- 400	
Potassium (K)	66	28- 160	
Copper (Cu)	11	11- 32	
Zinc (Zn)	160	120- 200	
Manganese (Mn)	0.33	0.15- 0.65	
Chromium (Cr)	0.61	0.40- 0.70	
Vanadium (V)	0.14	0.018- 0.065	
Molybdenum (Mo)	0.061	0.040- 0.080	
Boron (B)	110	0.40- 2.5	
Iodine (I)	0.45	0.25- 1.8	
Lithium (Li)	0.020	0.008- 0.030	
Phosphorus (P)	170	200- 300	
Selenium (Se)	0.59	0.80- 1.3	
Strontium (Sr)	1.7	1.0- 6.0	
Sulfur (S)	43100	41000- 47000	
Cobalt (Co)	0.011	0.006- 0.035	
Iron (Fe)	12	7.0- 16	
Germanium (Ge)	0.031	0.030- 0.040	
Rubidium (Rb)	0.096	0.030- 0.25	
Zirconium (Zr)	0.075	0.040- 1.0	

SPECIMEN DATA		RATIOS	
COMMENTS:		ELEMENTS	RATIOS
Date Collected: 03/06/2015		Ca/Mg	1.53
Date Received: 03/09/2015		Ca/P	2.97
Date Completed: 03/13/2015		Na/K	3.79
Methodology: ICP/MS		Zn/Cu	14.5
Sample Size: 0.199 g	Sample Type: Pubic	Zn/Cd	> 999
Hair Color:	Treatment:	RANGE	
Shampoo:		4- 30	
		0.8- 8	
		0.5- 10	
		4- 20	
		> 800	

Hair test 1064

1.- What are your current symptoms and health history?

Total insomnia (I am not sleeping since 1991 when insomnia and tinnitus started).

I started with heavy depression in 2007. I also had psychosis and it ended up in being labelled as Bipolar. I am actually on a pension due to being unable to have a normal work.

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

Wisdom teeth removed. Removed in 1996. I had braces 25 years ago. First amalgams since I was 8 years old and during the rest of my life until I was 21 got fillings placed every once in a while until I had most molars with fillings.

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

I haven't had any amalgam fillings removed yet. I am expecting your interpretation to see if I have mercury toxicity or not.

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

My mother and father had most teeth removed as it was the trend when I was a kid.

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

All vaccines since childhood (in Venezuela, southamerica). But I remember when I was 8 years old I was vaccinated in the upper back and next day I couldn't speak for three because I had a problem with vocal cords (don't know what kind of vaccine was, but after that my health was very poor, mostly asthma and ear infections).

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

I take SEROQUEL 300mg (0 - 0 -2).

I take Gymnema Sylvestre for my Diabetes Type 2 (it is an indian leave - I don't want to take the METFORMINA 850mg they sent me for the Diabetes type 2). My sugar level is controlled since I left sugars and refined flours (sugar level is 117)..

7.- What is your age, height and weight?

I am 48 years old, my weight is 84 kilograms and my height is 169 centimeters

8.- Other information you feel may be relevant?

I am labeled as Bipolar and that is why I take SEROQUEL 300mg (0 - 0 -2).

According to a doctor he says I don't have collagen in my body, that is why I have Fybromialgia.

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

I live in Tenerife, Canary Islands, Spain, European Union. But my health got bad when living in Barcelona in 1991. Befroe that I lived in the USA from 1988 to 1990 in MObile Alabama. I started feeling bad in 1989 when I stopped sleeping soundly.