



SEX: Male
AGE: 42

Toxic & Essential Elements; Hair

TOXIC METALS				
		RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum (Al)		5.3	< 7.0	
Antimony (Sb)		0.023	< 0.066	
Arsenic (As)		0.17	< 0.080	
Barium (Ba)		0.66	< 1.0	
Beryllium (Be)		< 0.01	< 0.020	
Bismuth (Bi)		0.69	< 2.0	
Cadmium (Cd)		0.069	< 0.065	
Lead (Pb)		1.5	< 0.80	
Mercury (Hg)		0.43	< 0.80	
Platinum (Pt)		< 0.003	< 0.005	
Thallium (Tl)		0.001	< 0.002	
Thorium (Th)		0.001	< 0.002	
Uranium (U)		0.030	< 0.060	
Nickel (Ni)		0.16	< 0.20	
Silver (Ag)		0.16	< 0.08	
Tin (Sn)		0.31	< 0.30	
Titanium (Ti)		0.59	< 0.60	
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)		320	200- 750		
Magnesium (Mg)		29	25- 75		
Sodium (Na)		150	20- 180		
Potassium (K)		170	9- 80		
Copper (Cu)		10	11- 30		
Zinc (Zn)		120	130- 200		
Manganese (Mn)		0.29	0.08- 0.50		
Chromium (Cr)		0.42	0.40- 0.70		
Vanadium (V)		0.063	0.018- 0.065		
Molybdenum (Mo)		0.053	0.025- 0.060		
Boron (B)		3.4	0.40- 3.0		
Iodine (I)		0.80	0.25- 1.8		
Lithium (Li)		0.013	0.007- 0.020		
Phosphorus (P)		194	150- 220		
Selenium (Se)		0.71	0.70- 1.2		
Strontium (Sr)		1.3	0.30- 3.5		
Sulfur (S)		48700	44000- 50000		
Cobalt (Co)		0.007	0.004- 0.020		
Iron (Fe)		8.7	7.0- 16		
Germanium (Ge)		0.023	0.030- 0.040		
Rubidium (Rb)		0.16	0.011- 0.12		
Zirconium (Zr)		0.023	0.020- 0.44		

SPECIMEN DATA		RATIOS	
COMMENTS:		ELEMENTS	RATIOS
Date Collected: 08/03/2014	Sample Size: 0.2 g	Ca/Mg	11
Date Received: 08/09/2014	Sample Type: Head	Ca/P	1.65
Date Completed: 08/12/2014	Hair Color: Black	Na/K	0.882
Methodology: ICP/MS	Treatment:	Zn/Cu	12
	Shampoo:	Zn/Cd	> 999
		RANGE	
			4- 30
			0.8- 8
			0.5- 10
			4- 20
			> 800

Health history for hair test 995

1.What are your current symptoms and health history?

Fatigue, Headache, sleeping problem, short term memory issue, brainfog around 25 years. Start the chelation from 2012 with high DMSA dosage. Learn Andy's book and change to low dosage DMSA from 2013. Now with 20 mg of DMSA. Side effect of ALA is high, only try 10mg of ALA inconsistently.

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

No wisdom teeth removed and no canal placed. Have the first mercury filling from 7 years old. Totally have 8 fillings (one with very big size) at the age of 20.

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

Remove all the filling in 2011. No filling now.

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

Not aware.

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

Have had varicella vaccine when very young.

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

20mg of DMSA chelation. 10mg of ALA inconsistently. Supplement of Mg, Zinc, Vc, Ve, Flex oil, Fish oil, Vb,

7.What is your age, height and weight?

Born in 1972. 172cm , 77 KG

8.Other information you feel may be relevant?

No.

9.What is your location –

city & country (so that we can learn where certain toxins are more prevalent).

Tianjin, China