

Chromium

<5 = F 'H9 GH'%+' SEX: Male AGE: 53

Toxic & Essential Elements; Hair

			IETALS	
		RESULT μg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum	(AI)	1.2	< 7.0	
Antimony	(Sb)	< 0.01	< 0.066	
Arsenic	(As)	0.030	< 0.080	
Barium	(Ba)	1.4	< 1.0	
Beryllium	(Be)	< 0.01	< 0.020	
Bismuth	(Bi)	< 0.002	< 2.0	
Cadmium	(Cd)	< 0.009	< 0.065	
Lead	(Pb)	0.13	< 0.80	
Mercury	(Hg)	0.06	< 0.80	•
Platinum	(Pt)	< 0.003	< 0.005	
Thallium	(TI)	< 0.001	< 0.002	
Thorium	(Th)	< 0.001	< 0.002	
Uranium	(U)	0.002	< 0.060	•
Nickel	(Ni)	0.05	< 0.20	
Silver	(Ag)	0.01	< 0.08	•
Tin	(Sn)	0.06	< 0.30	
Titanium	(Ti)	0.14	< 0.60	
Total Toxic Representation				
		ESSENTIAL AND O	THER ELEMENTS	
		RESULT	REFERENCE	PERCENTILE 2.5 th 16 th 50 th 84 th 97.5 th
Calcium	(Ca)	μg/g 206	INTERVAL 200- 750	
Magnesium	(Mg)	31	25- 75	
Sodium	(Na)	52	20- 180	
Potassium	(K)	< 3	9- 80	
Copper	(Cu)	26	11- 30	
Zinc	(Zn)	240	130- 200	
Manganese	(Mn)	0.16	0.08- 0.50	
manyalicsc		0.10	0.00- 0.50	

COMMENTS					PATIOS	PANGE	
SPECIMEN DATA				RATIOS			
Zirconium	(Zr)	0.011	0.020- 0.44				
Rubidium	(Rb)	0.005	0.011- 0.12				
Germanium	(Ge)	0.031	0.030- 0.040				
Iron	(Fe)	5.3	7.0- 16				
Cobalt	(Co)	< 0.002	0.004- 0.020				
Sulfur	(S)	43900	44000- 50000	-			
Strontium	(Sr)	1.8	0.30- 3.5		-		
Selenium	(Se)	0.84	0.70- 1.2				
Phosphorus	(P)	141	150- 220				
Lithium	(Li)	< 0.004	0.007- 0.020				
lodine	(I)	0.72	0.25- 1.8		•		
Boron	(B)	0.37	0.40- 3.0	-			
Molybdenum	(Mo)	0.031	0.025- 0.060				
Vanadium	(V)	0.034	0.018- 0.065		•		
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0.35

(Cr)

0.40-

0.70

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SPECIMEN DATA			RATIOS		
COMMENTS:		ELEMENTS	RATIOS	RANGE	
		Ca/Mg	6.65	4- 30	
Date Collected: 02/20/2016	Sample Size: 0.203 g	Ca/P	1.46	0.8- 8	
Date Received: 02/26/2016	Sample Type: Head	Na/K	17.3	0.5- 10	
Date Completed: 03/01/2016	Hair Color: Red	Zn/Cu	9.23	4- 20	
Methodology: ICP/MS	Treatment:	Zn/Cd	> 999	> 800	
	Shampoo: Manetail				

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Health history for hair test 1173

1. Current symptoms/health history - Mostly have joint pain and stiffness, minor digestive issues, don't sleep like I used to.

2. 1 root canal/crown, braces as a teenager, first amalgams in as a teenager, 2 wisdom teeth have been removed.

3. 11 amalgams in place currently.

4. Not sure about mother's history. She had all her teeth capped in her early twenties, so I don't know anything else about her dental history. She did use mercolized wax (this is in the 30's and 40's)consistently for a few years to fade the freckles on her face.

5. I had the standard vaccinations growing up in the 60's and 70's. I've had a couple of flu shots, but I don't recall any travel shots.

6. 10,000 mg of biotin every day. I've been taking 250 mg/day of turmeric for the past month.

7. age 53, 215 pounds, 6'4"

8. Live in East Texas, USA