

HAIR ELEMENTS



PATIENT: Number 427
 SEX: Male
 AGE: 31
 LOCATION: Rustenburg, South Africa

POTENTIALLY TOXIC ELEMENTS				
TOXIC ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE	
			68 th	95 th
Aluminum	4.0	< 7.0		
Antimony	0.023	< 0.066		
Arsenic	0.079	< 0.080		
Barium	1.1	< 1.0		
Beryllium	< 0.01	< 0.020		
Bismuth	0.022	< 2.0		
Cadmium	0.034	< 0.065		
Lead	1.4	< 0.80		
Mercury	0.61	< 0.80		
Platinum	< 0.003	< 0.005		
Thallium	< 0.001	< 0.002		
Thorium	0.001	< 0.002		
Uranium	0.013	< 0.060		
Nickel	0.14	< 0.20		
Silver	0.04	< 0.08		
Tin	0.21	< 0.30		
Titanium	0.49	< 0.60		
Total Toxic Representation				

ESSENTIAL AND OTHER ELEMENTS							
ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE				
			2.5 th	16 th	50 th	84 th	97.5 th
Calcium	131	200- 750					
Magnesium	20	25- 75					
Sodium	6	20- 180					
Potassium	5	9- 80					
Copper	14	11- 30					
Zinc	170	130- 200					
Manganese	0.12	0.08- 0.50					
Chromium	1.8	0.40- 0.70					
Vanadium	0.076	0.018- 0.065					
Molybdenum	0.027	0.025- 0.060					
Boron	0.24	0.40- 3.0					
Iodine	0.56	0.25- 1.8					
Lithium	< 0.004	0.007- 0.020					
Phosphorus	172	150- 220					
Selenium	0.75	0.70- 1.2					
Strontium	0.24	0.30- 3.5					
Sulfur	47800	44000- 50000					
Cobalt	0.011	0.004- 0.020					
Iron	8.0	7.0- 16					
Germanium	0.027	0.030- 0.040					
Rubidium	0.008	0.011- 0.12					
Zirconium	0.034	0.020- 0.44					

SPECIMEN DATA			RATIOS		
COMMENTS: 0185281 Results checked.					
Date Collected: 7/10/2009	Sample Size:	0.203 g	ELEMENTS	RATIOS	EXPECTED RANGE
Date Received: 7/24/2009	Sample Type:	Head	Ca/Mg	6.55	4- 30
Date Completed: 7/31/2009	Hair Color:		Ca/P	0.762	0.8- 8
	Treatment:		Na/K	1.2	0.5- 10
Methodology: ICP-MS	Shampoo:		Zn/Cu	12.1	4- 20
			Zn/Cd	> 999	> 800

V10.08

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HAIR ELEMENTS



PATIENT: Number 427

SEX: Male

AGE: 32

POTENTIALLY TOXIC ELEMENTS				
TOXIC ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE	
			68 th	95 th
Aluminum	6.9	< 7.0		
Antimony	0.049	< 0.066		
Arsenic	0.056	< 0.080		
Barium	1.4	< 1.0		
Beryllium	< 0.01	< 0.020		
Bismuth	0.004	< 2.0		
Cadmium	0.028	< 0.065		
Lead	1.2	< 0.80		
Mercury	0.34	< 0.80		
Platinum	< 0.003	< 0.005		
Thallium	< 0.001	< 0.002		
Thorium	0.001	< 0.002		
Uranium	0.009	< 0.060		
Nickel	0.42	< 0.20		
Silver	0.02	< 0.08		
Tin	0.05	< 0.30		
Titanium	0.54	< 0.60		
Total Toxic Representation				

ESSENTIAL AND OTHER ELEMENTS							
ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE				
			2.5 th	16 th	50 th	84 th	97.5 th
Calcium	188	200- 750					
Magnesium	31	25- 75					
Sodium	20	20- 180					
Potassium	9	9- 80					
Copper	33	11- 30					
Zinc	180	130- 200					
Manganese	0.12	0.08- 0.50					
Chromium	3.0	0.40- 0.70					
Vanadium	0.15	0.018- 0.065					
Molybdenum	0.034	0.025- 0.060					
Boron	0.28	0.40- 3.0					
Iodine	0.14	0.25- 1.8					
Lithium	0.023	0.007- 0.020					
Phosphorus	215	150- 220					
Selenium	0.66	0.70- 1.2					
Strontium	0.34	0.30- 3.5					
Sulfur	47800	44000- 50000					
Cobalt	0.014	0.004- 0.020					
Iron	16	7.0- 16					
Germanium	0.031	0.030- 0.040					
Rubidium	0.014	0.011- 0.12					
Zirconium	0.015	0.020- 0.44					

SPECIMEN DATA			RATIOS		
COMMENTS: Results checked.			ELEMENTS	RATIOS	EXPECTED RANGE
Date Collected: 3/14/2011	Sample Size: 0.199 g		Ca/Mg	6.06	4- 30
Date Received: 4/15/2011	Sample Type: Head		Ca/P	0.874	0.8- 8
Date Completed: 4/19/2011	Hair Color:		Na/K	2.22	0.5- 10
	Treatment:		Zn/Cu	5.45	4- 20
Methodology: ICP-MS	Shampoo:		Zn/Cd	> 999	> 800

V10.08

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235856

Health history for hair test 427

1. I had to resigned from work about 3 years ago to try finding out what causes my symptoms. Went from Doctor to Doctor and nobody could find anything wrong. Some even said a had to live with the symptoms for live. Some said its depression that causes my symptoms and some said it is ADD/ADHD. My Symptoms are Chronic Fatigue, Depression, Emotional, Panic Attacks, Unable to Cope, Dry Skin, Candida, Skin Breakouts etc. I've been complaining from childhood that a suffer from Concentration, Fatigue etc.
2. First amalgam at age 6. Also braces from 6 years stop braces at 8 years.
3. I have done the complete dental clean-up from the tests results done a year ago. Had 3 amalgams.
4. My Mother had a lot of amalgam during pregnancy.
5. To my knowledge I had now vaccinations.
6. I did not take any medications or supplements before hair tests.
7. I'm 32 years old, 1.62m, 62kg.
8. I'm still in the process with chelating as on your website. Started chelation after I received my hair tests and after seeing Dr. Lindeque in Parys who prescribed Andy Cutler's protocol.
9. I'm staying in Rustenburg, North West. Lots of mine activity in area. Also worked on a platinum process plant.