

HAIR ELEMENTS



PATIENT: Number 80
SEX: Male
AGE: 35
Location: The Netherlands

POTENTIALLY TOXIC ELEMENTS				
TOXIC ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE	
			68 th	95 th
Aluminum	2.3	< 7.0		
Antimony	0.052	< 0.066		
Arsenic	0.044	< 0.080		
Beryllium	< 0.01	< 0.020		
Bismuth	0.023	< 2.0		
Cadmium	0.073	< 0.15		
Lead	0.34	< 2.0		
Mercury	0.69	< 1.1		
Platinum	< 0.003	< 0.005		
Thallium	< 0.001	< 0.010		
Thorium	< 0.001	< 0.005		
Uranium	0.003	< 0.060		
Nickel	0.10	< 0.40		
Silver	< 0.006	< 0.12		
Tin	0.29	< 0.30		
Titanium	0.36	< 1.0		
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	1280	200- 750					
Magnesium	30	25- 75					
Sodium	56	12- 90					
Potassium	41	9- 40					
Copper	16	10- 28					
Zinc	190	130- 200					
Manganese	0.11	0.15- 0.65					
Chromium	0.47	0.20- 0.40					
Vanadium	0.024	0.018- 0.065					
Molybdenum	0.029	0.025- 0.064					
Boron	0.46	0.40- 3.0					
Iodine	0.28	0.25- 1.3					
Lithium	0.011	0.007- 0.023					
Phosphorus	167	160- 250					
Selenium	1.1	0.95- 1.7					
Strontium	2.8	0.30- 3.5					
Sulfur	43100	44500- 52000					
Barium	0.98	0.16- 1.6					
Cobalt	0.005	0.013- 0.035					
Iron	9.7	5.4- 13					
Germanium	0.041	0.045- 0.065					
Rubidium	0.035	0.011- 0.12					
Zirconium	0.97	0.020- 0.44					

SPECIMEN DATA				RATIOS		
COMMENTS:				ELEMENTS	RATIOS	EXPECTED RANGE
Date Collected: 4/12/2007	Sample Size: 0.201 g			Ca/Mg	42.7	4- 30
Date Received: 5/7/2007	Sample Type: Head			Ca/P	7.66	0.8- 8
Date Completed: 5/9/2007	Hair Color: Brown			Na/K	1.37	0.5- 10
	Treatment:			Zn/Cu	11.9	4- 20
Methodology: ICP-MS	Shampoo:			Zn/Cd	> 999	> 800

V06.99

Health history for hair test 80

May 2007

My problems were arthritis like symptoms and overall weakness at times. All have improved by changing diet and supplementation. I had 10 amalgams at the time of this hair test. No chelation done yet.

At that time i was taking;
small dosage ZINK, small dosage Selenium, Magnesium 200-300mg / day.
Melatonin 1.5 -3 mg
Sometimes glucosamine for joints
Also took Vitamin C, E

What really helped was eating a lot of fruit and vegetables and less bread and sugar. Supplements also really helped but my symptoms got worse after a while. Had to up the dosage a bit.
All amalgam has been removed a few weeks ago. Seems to help already.
I'm also taking B25 and kelp and feeling ok now.
Going to chelate soon.