



MINERAL ANALYSIS			Hair					
			Lab Number		****93			
Doctor					Test Date		2/24/2012	
Patient Name		****		Sex		m	D.O.B.	****1982
Clinical Information					Page		1/4	
	Acceptable Range	Test Value						
Essential Trace Elements (ppm = mg/kg = mcg/g)								
Chromium	0.02 --- 0.21	0.02						
Cobalt	0.01 --- 0.30	0.00	↓					
Copper	10.00 --- 41.00	33.95						
Iodine	0.05 --- 5.00	669.00	↑					
Iron	4.60 --- 17.70	5.83						
Manganese	0.03 --- 1.10	0.11						
Molybdenum	0.03 --- 1.10	0.02	↓					
Selenium	0.40 --- 1.70	0.53						
Vanadium	0.01 --- 0.20	0.00	↓					
Zinc	150.00 --- 272.00	185.72						
Essential Macroelements (ppm = mg/kg = mcg/g)								
Calcium	220.00 --- 1,600.00	1,880.36	↑					
Magnesium	20.00 --- 130.00	112.77						
Nonessential Trace Elements (ppm = mg/kg)								
Boron	0.08 --- 1.30	0.32						
Germanium	< 1.65	0.00						
Lithium	< 0.30	0.01						
Strontium	0.65 --- 6.90	2.56						
Tungsten	< 0.01	0.00						
Potentially Toxic Elements (ppm = mg/kg = mcg/g)								
Aluminum	< 8.00	1.21						
Antimony	< 0.30	0.00						

n.n. = not detected

These 95percentile Reference Ranges listed above are representative for a healthy population. All elements are tested quantitatively.

Accreditation: DIN EN ISO 17025



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	Acceptable Range	Test Value	
Potentially Toxic Elements (ppm = mg/kg = mcg/g)			
Arsenic-total	< 0.20	0.02	
Barium	< 4.64	0.75	
Beryllium	< 0.10	0.00	
Bismuth	< 0.20	0.00	
Cadmium	< 0.20	0.01	
Lead	< 3.00	0.61	
Mercury	< 0.60	0.08	
Nickel	< 1.00	0.10	
Palladium	< 0.03	0.01	
Platinum	< 0.01	n.n.	
Silver	< 1.00	0.01	
Thallium	< 0.01	0.00	
Tin	< 0.70	0.04	
Titanium	< 1.50	0.09	
Uranium	< 0.10	0.01	
Zirconium	< 0.50	0.00	

n.n. = not detected

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Health history for hair test 601

1. What are your current symptoms and health history? Insomnia, allergies (weat, gluten, fructose, lactose), dry skin, deteriorating eye sight (loss of long distance focus), mood swings and depression (now better, it's spring), lack of focus and memory loss, names are difficult to remember, math is getting very difficult, long phrases and sentences had become difficult to spell out. Lack of motivation. All current symptoms.

2. Dental history (Wisdom teeth removed and when? Any other extractions. First root canal placed? Braces? First amalgam etc...) No wisdom teeth removed. Extraction of 6th upper left tooth. No braces. Amalgam removed in 2006, had been in it for twelve month (2005-2006); before I had have amalgam for another year in 1999; I have no amalgam since 2006.

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

4. What dentistry did your mother have at any time before or during pregnancy? I don't know.

5. What vaccinations have you had and when (including flu and especially travel shots)? Hep-A, Hep-B, typhus.

6. Supplements and medications (including dosages) taken at time of hair test, or for the 3-6 months before the sample was taken? At the time of hair test, I've only taken omega-3 two capsules, 1000mg each, a day.

7. What is your age, height and weight? I'm 29y, 171cm and 53kg.

8. Other information you feel may be relevant? I've done 28 tests according to AI diagnostic list, I have seven positives.

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