

Micro Trace Minerals Laboratory

environmental & clinical laboratory

Röhrenstrasse 20, 91217 Hersbruck, Germany
P.O.Box 4613; Boulder, CO 80306-4613, USA

Phone:
Facsimile:
[http://www.
service@m](http://www.service@m)



Please call me when

Veronica Griffin

M.Sc. Ph. D. (MD.MA.) Accr: ATMS - ACNEM

Clinic For Nutritional And Environmental Medicine

Phone: 0407 140 550
24 East Parkridge Drv, Brinsmead 4870
E: veronica@naturalconcepts.com.au
www.nutri-concepts.com.au

MINERAL ANALYSIS

Hair

Nutri-Concepts

Doctor Dr. Griffin
Patient Name J. Fletcher
Clinical Information

Lab Number 1H154800
Test Date 27/01/2015
Sex f Age 51
Page 1/2

	Acceptable Range	Test Value	
Essential Trace Elements (ppm = mg/kg = mcg/g)			
Chromium	0.02 --- 0.21	< 0.02	
Cobalt	0.01 --- 0.30	0.03	
Copper	10.00 --- 41.00	10.75	
Iodine	0.05 --- 5.00	0.05	
Iron	4.60 --- 17.70	3.75	
Manganese	0.05 --- 0.92	< 0.05	
Molybdenum	0.03 --- 1.10	0.03	
Selenium	0.40 --- 1.70	0.71	
Vanadium	0.01 --- 0.20	0.00	
Zinc	150.00 --- 272.00*	141.43	
Essential Macroelements (ppm = mg/kg = mcg/g)			
Calcium	220.00 --- 1,600.00	226.77	
Magnesium	20.00 --- 130.00	14.73	
Nonessential Trace Elements (ppm = mg/kg = mcg/g)			
Boron	< 0.84	0.48	
Germanium	< 1.65	0.00	
Lithium	< 0.30	< 0.00	
Strontium	0.65 --- 6.90	0.11	
Tungsten	< 0.01	< 0.00	
Potentially Toxic Elements (ppm = mg/kg = mcg/g)			
Aluminum	< 8.00	0.74	
Antimony	< 0.30	0.00	

n.n. = not detected

Accreditation: DIN EN ISO 17025; Quality control: Dipl. Ing. Friedle, Ing. J. Merz, Dr. Rauland; Validation: Dr. E. Blaurock-Busch PhD, Laboratory physician: Dr. med. A. Schönberger