

# **Micro Trace Minerals Laboratory**

40+ years of clinical & environmental laboratory diagnostics

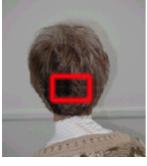
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Submission Form:	H	air or Nail I	Mineral An	alysis						
Requesting Clinic/Doctor	·:									
	New Cust				tomer or if contact information has changed, please fill out the fields on page 2.					
Patient Name:										
Street:			ZIP:	С	ity:					
State:			Country:							
Phone:			Fax:							
E-mail:										
please fill	out if report is to	be mailed to th	e patient (plea	se complete	in block capitals	s)				
Date of Birth:			Sex:	m	f					
Date:	Pat	tient Signatur	e:							
					(please do	not forget)				
Requested Profile:										
Standard Profile (P9)			35 Elemer	nts	111.27 €					
Tested Elements: Aluminum, Antimony, Arsenic-tot Lead, Lithium, Magnesium, Mand Tungsten, Uranium, Vanadium, 2	ganese, Mercury, N									
Extended Profile (P1		55 Elements		143.99€						
Tested Elements Parameter as Cerium, Cesium, Dysprosium, Er Ruthenium, Samarium, Tantalum	bium, Europium, G			anum, Lutetiu	m, Praseodymium	n, Rhenium, Rhodium,				
Test material:  Head hair sample (untre	ated)	pubic hair sa	mple	beard sam	nple	Nail sample				
Payment via:	Invoice to:		Doctor		Patient					
Credit Card	VISA	Mastercard	Card Number	:						
valid thru (MM/YY):		3-digit code	e:	Signa	ture:					
Bank transfer done at:	transfer done at:		for €:							
PayPal	Payment was	s made to addr	ess: service@	microtrace.	de					
_	or Credit Card is									



## **Sampling Instructions**

Hair provides a record of past and current trace element levels. As hair grows, nutrient and toxic elements are deposited from the blood stream into the hair follicle and hair shaft

Once a trace element has been incorporated into the hair, it remains fixed. To measure these values reliably and with good reproducibility, the following criteria applies:

- Untreated head hair that is cut from the occipital area (back of head) is the preferred sample.
- Substitutes for head hair are pubic hair or clippings of finger nails (underarm hair is not acceptable).
- Because some sample loss results from thorough washing, an adequate amount of sample (about 2-3
  Teaspoons filled with hair) is needed for the analysis.
- DO NOT MIX different sample types (i.e. hair with nails).
- Hair roots are NOT needed.
- Hair that has been chemically treated ("permed", dyed, bleached, or otherwise treated) WILL NOT provide
  accurate results. If the hair has been treated, it should be allowed to grow for at least 2-3 months before new
  sampling.
- Hair analysis results are falsely elevated by:
  - Coloring or tinting agents, which often elevate a number of trace elements or toxic metals. Since today's
    cosmetic industry uses many different chemical agents, we have no way of accurately determining their
    effects.
  - Bleached and/or "Permed" hair results in altered levels of calcium, magnesium, zinc, copper, nickel and other metals.

#### **Procedure**

#### Hair

- Part the hair in the middle of the back of the head, and pull it out and up.
- Cut a small 1.5 to 2 inch (4.5 to 5.5 cm.) strand of hair close to the head. DISCARD ends of long strands and KEEP less than 2 inches (less than 5.5 cm) closest to the scalp.
- Place hair in sampling envelope, fill out the Sampling Instructions Form with the appropriate information and send to MTM.

### Short hair

- Trim a minimum of 0.300 grams of hair from the back of the head. Use thinning scissors, if possible.
- Place hair sampling (paper) envelope, fill out the Sampling Instructions Form with the appropriate information and send to MTM.

## Pubic hair

- Trim a minimum of 0.300 grams of pubic hair with normal scissors.
- Place hair in paper envelope, fill out the Sampling Instructions Form with the appropriate information and send to MTM.

## Nails

We need a minimum of 0.200 grams (200mg) of unpolished nails. This equals about ½ of a filled teaspoon.
 Place sample in a paper or plastic envelope, fill out the Instructions Form and send to MTM.

Send Report to: Doctor		Patient	both a	both addresses (€ 9,95 surcharge)				
Send Report via:	Post	E-Mail	Fax					
New Customer or if c	ontact informa	ation has cha	nged,	or	Clin	ic/Doctor Stamp		
Address:								
Phone:				_				
Fax:				_				
E-mail:				_				
Barcode	н		Barcoda KI			Rarcode N	_	