

The following is an approximation of how this hair test would appear using the Doctor's Data model and reference ranges.

Female, 54 (mother of #248)  
Marietta, GA

POTENTIALLY TOXIC ELEMENTS				
	RESULT	REFERENCE RANGE	PERCENTILE	
			68th	95th
Al	3.0	<7.0		
As	0.040	<0.060		
Be	ND	<0.02		
Bi	0.05	<2.0		
Cd	ND	<0.050		
Pb	ND	<0.60		
Hg	1.8	<0.80		
Ni	0.10	<0.30		
Pt	ND	<0.005		
Tl	ND	<0.002		
Sn	ND	<0.30		
Ti	0.30	<0.70		
W	ND	<0.11		
U	ND	<0.06		

ESSENTIAL AND OTHER ELEMENTS						
	RESULT	REFERENCE RANGE	PERCENTILE			
			2.5th	16th	50th	
Ca	330	300- 1200				
Mg	22	35- 120				
Na	50	20- 250				
K	10	8- 75				
Cu	8	11- 37				
Zn	180	140- 220				
Mn	0.06	0.08- 0.60				
Cr	0.40	0.40- 0.65				
V	0.020	0.018-0.065				
Mo	0.030	0.020-0.050				
B	0.3	0.25- 1.5				
I	N/A	0.25- 1.8				
Li	ND	0.007-0.020				
P	140	150- 220				
Se	1.1	0.55- 1.1				
Sr	0.50	0.50- 7.6				
S	42570	44000-50000				
Ba	0.40	0.16- 1.6				
Co	ND	0.005-0.040				
Fe	6.0	7.0- 16				
Ge	0.070	0.030-0.040				
Rb	0.011	0.007-0.096				
Zr	ND	0.020-0.42				

RATIOS		
	RATIO	EXPECTED
Ca/Mg	15	4-30
Ca/P	2.36	1-12
Ca/K	33.0	2.2-6.2
Na/Mg	2.27	2.0-6.0
Na/K	5.0	0.5-10
Zn/Cd	18000	>800
Fe/Pb	6.0	>4.4
Fe/Hg	3.3	>22.0



**TRACE ELEMENTS, INC.**

4501 Sunbelt Drive · Addison, Tx · 75001 · U.S.A.

LABORATORY NO.:

PROFILE NO.: 2

SAMPLE TYPE: SCALP

PATIENT:

AGE: 54

SEX: F

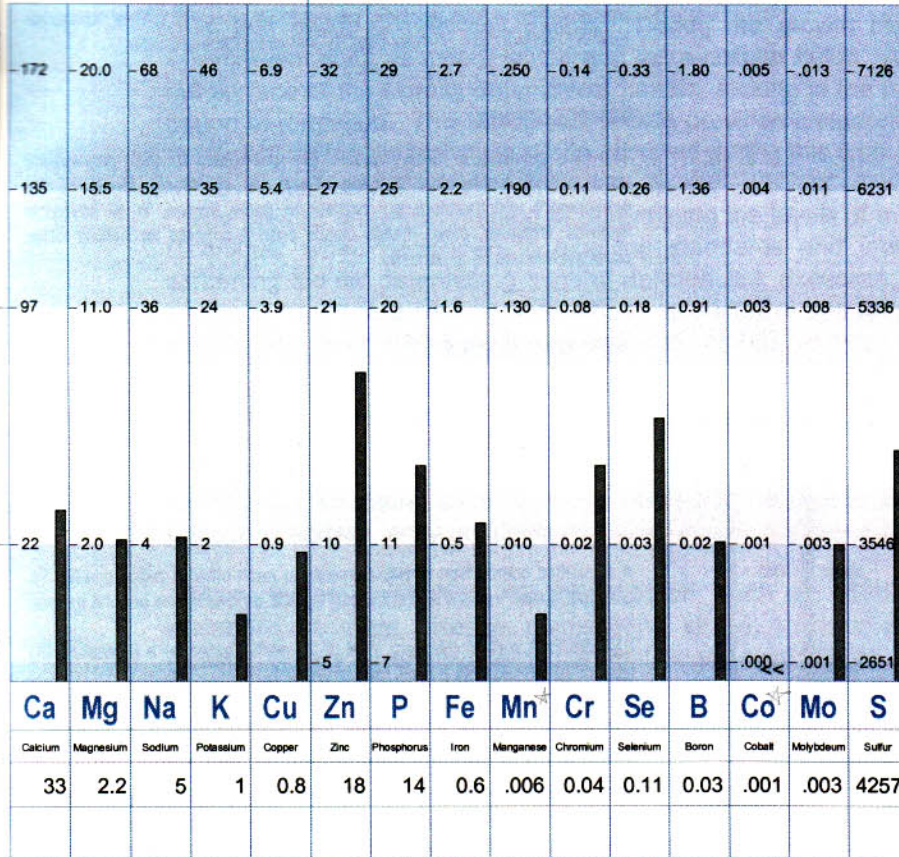
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REQUESTED BY:

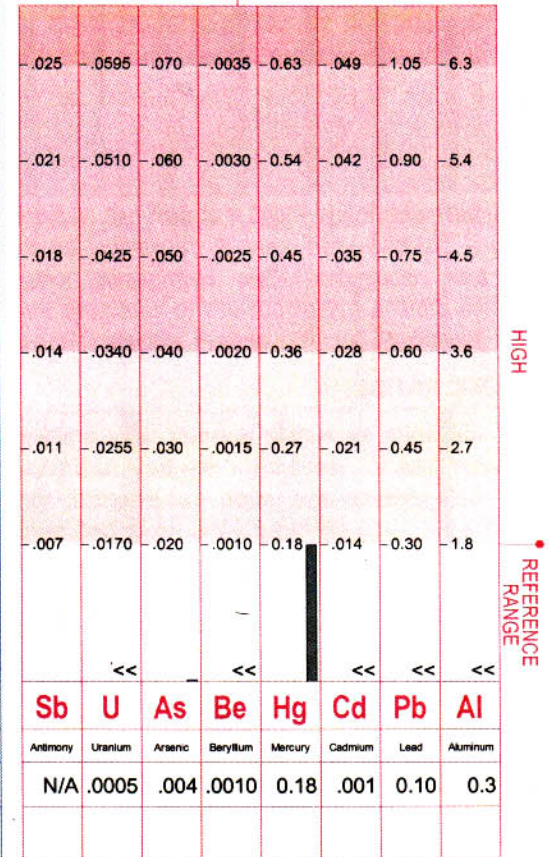
ACCOUNT NO.:

DATE: 4/22/2008

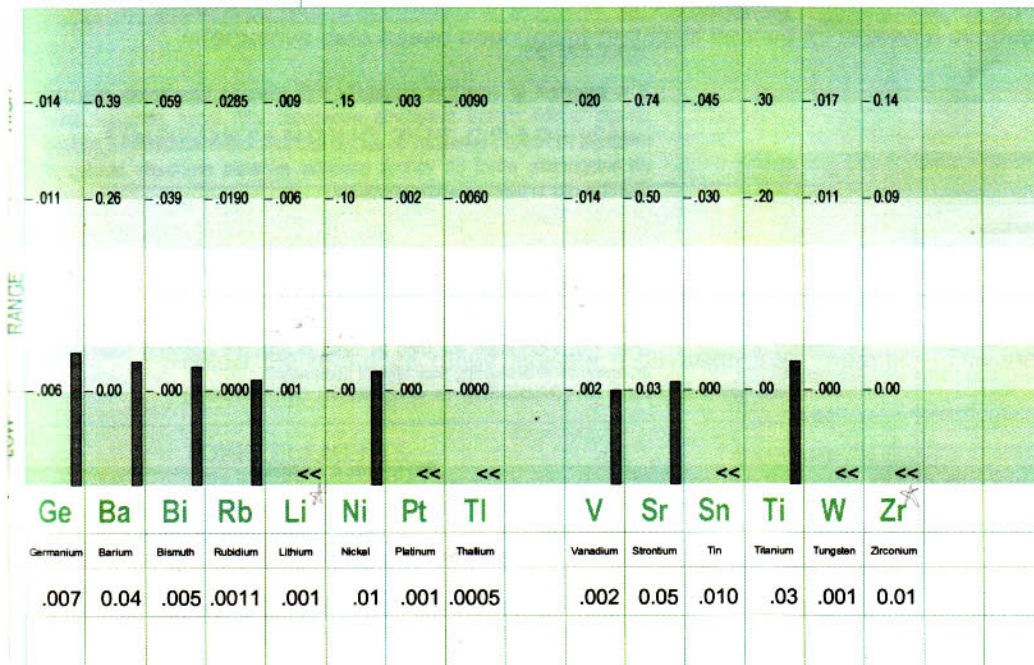
**NUTRITIONAL ELEMENTS**



**TOXIC ELEMENTS**



**ADDITIONAL ELEMENTS**



\*<<\*: Below Calibration Limit; Value Given Is Calibration Limit

\*QNS\*: Sample Size Was Inadequate For Analysis.

\*N/A\*: Currently Not Available

Ideal Levels And Interpretation Have Been Based On Hair Samples Obtained From The Mid-Parietal To The Occipital Region Of The Scalp.

Laboratory Analysis Provided by Trace Elements, Inc., an H. H. S. Licensed Clinical Laboratory. No. 45 D0481787

4/22/2008  
CURRENT TEST RESULTS

PREVIOUS TEST RESULTS

## **Health history for hair test 284**

### 1) Symptoms

#### Currently have:

Anxiety  
Depression  
Irritability  
Loss of self confidence  
Indecision  
Shyness/timidity  
Easily embarrassed  
Impatience  
Loss of memory (esp. short term), forgetfulness  
Decline in intellect  
Inability to concentrate  
Fearfulness  
Restlessness  
Lack of motivation  
Pathological procrastination  
Exaggerated response to stimulation  
Emotional instability, moodiness  
Inability to select words to convey meaning  
Obsessive or compulsive behavior  
Lethargy  
Withdrawal  
Poor balance  
Poor coordination  
Gums bleed easily  
Canker sores  
Excessive salivation  
Food sensitivities to milk & eggs  
Leaky gut  
Low body temperature  
Hypothyroidism  
Hypoadrenalism  
Constant fatigue  
Diminished sex drive  
PMS, heavy period  
Waking up late and staying up late  
Excessive urination  
Tender, sore muscles  
Joint pain  
Low back pain  
Muscle weakness  
Irregular heartbeat  
Low blood pressure  
Easy bruising and bleeding  
Nosebleeds  
Sensitivity to bright light  
Poor visual convergence (on close objects)  
Tinnitus  
Hearing loss  
Dry skin  
Hair loss

Dry, thin, dull, slow-growing hair  
Elevated thyroid antibodies  
Weak, sensitive, yellow teeth that are prone to cavities  
Uterine fibroid tumors

Have had or occasionally have:

Panic attacks  
Lack of self-control and fits of anger  
Numbness and tingling of extremities and face  
Twitching eyelid  
Dizziness/vertigo  
Weakened sense of taste/smell  
Metallic taste  
Bad breath  
Coated tongue  
Abdominal cramps  
Weak appetite  
Chronic constipation/diarrhea  
Malabsorption  
Gastroenteritis  
Recurrent nausea  
Reflux/heartburn  
Hypoglycemia  
Severe insomnia  
Night sweats  
Muscle cramps, twitching  
Candida  
Allergies  
Asthma  
Weak immune system (get sick often)  
Tachycardia  
Palpitations  
Angina  
Anemia  
Vision disturbances  
Swollen lymph nodes in neck  
Unexplained pain in ear canals  
Itching (mainly back)  
Flushing/reddening of skin on face and neck  
Arthritis  
Irritable bowel  
Chemical sensitivity

2+3) Dental work

Used to have 20+ amalgams, all replaced around 1990 with composite fillings by a mercury-free dentist  
One root canal (no amalgam), around 2007  
Four crowns (after amalgam removal)  
Wisdom teeth all removed

4) Mother's dental work during pregnancy

not sure, probably some amalgams

5) Vaccinations

all standard vaccines for a child born in 1953

6) Supplements used around the time of the hair test

Beta blockers

Brevail (for female hormone imbalance)

Progesterone cream

Neprinol (enzymes for fibroid tumors)

Cod liver oil

Dr. Murphree's CFS/Fibro multivitamin

Melodyn (sleep aid with melatonin+herbs)

GABA

B complex

Serenity Formula (adaptogens for adrenals)

(don't recall dosages)

7) Age: 55, Height: 5' 4", Weight: 135

8) Other relevant information: Mother of hair test #248

9) Location: Atlanta, Georgia