The following is an approximation of how hair test #248 would appear using the Doctor's Data model and reference ranges.

Male, 22
Los Angeles, CA

	POTENTIALLY TOXIC ELEMENTS		
	RESULT	REFERENCE RANGE	PERCENTILE (68th / 95th)
Al	3.0	<7.0	
As	0.05	<0.080	
Be	ND	<0.02	
Bi	ND	<2.0	
Cd	0.01	<0.065	
Pb	1.0	<0.80	
Hg	4.5	<0.80	
Ni	0.10	<0.20	
Pt	ND	<0.005	
Tl	ND	<0.002	
Sn	0.10	<0.30	
Ti	0.30	<0.60	
W	ND	<0.11	
U	0.137	<0.06	

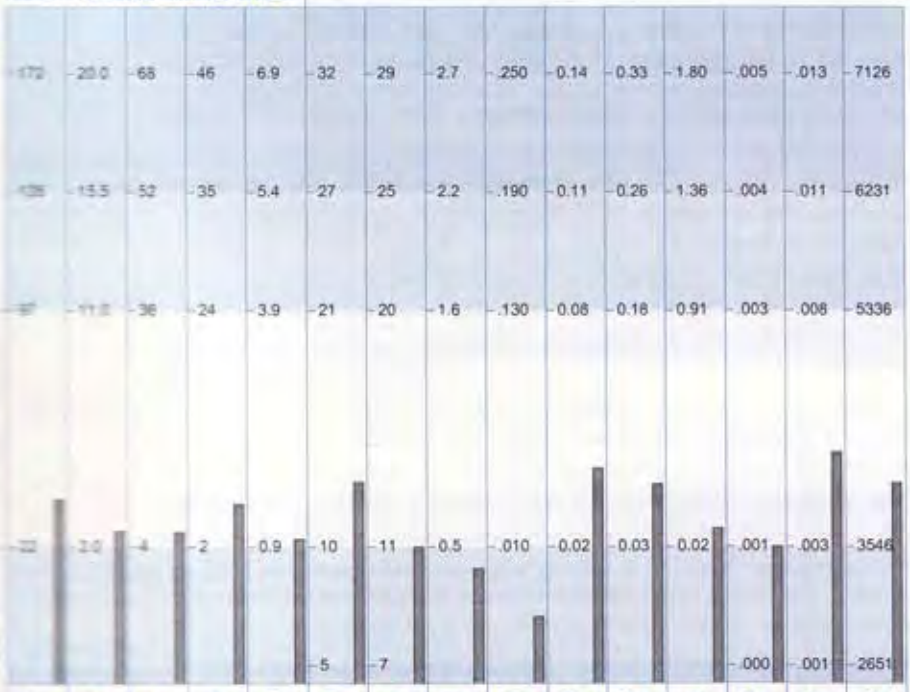
	ESSENTIAL AND OTHER ELEMENTS		
	RESULT	REFERENCE RANGE	PERCENTILE (2.5th / 16th / 50th / 84th / 97.5th)
Ca	370	250- 750	
Mg	26	25- 75	
Na	60	20- 180	
K	60	9- 80	
Cu	10	11- 30	
Zn	130	130- 200	
Mn	0.08	0.08- 0.50	
Cr	0.40	0.40- 0.70	
V	0.04	0.018-0.065	
Mo	0.05	0.025-0.060	
B	0.90	0.40- 3.0	
I	N/A	0.25- 1.8	
Li	ND	0.007-0.020	
P	110	150- 220	
Se	0.70	0.70- 1.2	
Sr	1.3	0.30- 3.5	
S	40290	44000-50000	
Ba	0.50	0.16- 1.6	
Co	0.01	0.004-0.020	
Fe	4.0	7.0- 16	
Ge	0.090	0.030-0.040	
Rb	0.074	0.011- 0.12	
Zr	0.10	0.020- 0.44	

RATIOS		
	RATIO	EXPECTED
Ca/Mg	14.23	4-30
Ca/P	3.36	0.8-8
Ca/K	6.17	2.2-6.2
Na/Mg	2.31	2.0-6.0
Na/K	1.00	0.5-10
Zn/Cd	13000	>800
Zn/Cu	13.0	4-20
Fe/Pb	4.0	>4.4
Fe/Hg	0.9	>22.0

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

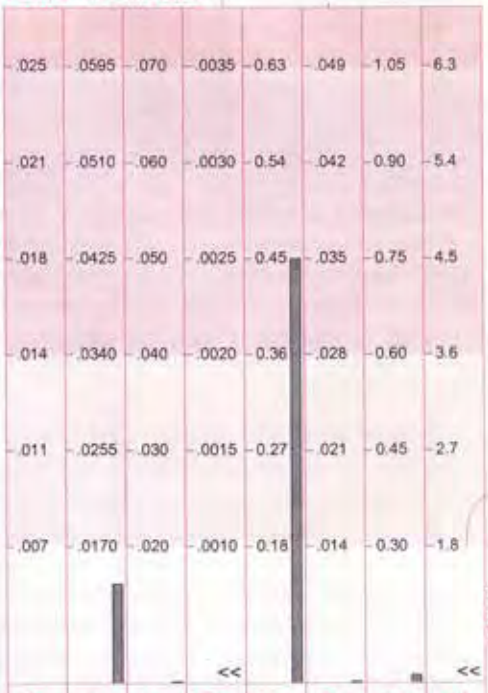
LABORATORY NO.:	890522		
PROFILE NO.: 2	SAMPLE TYPE: SCALP		
PATIENT: Number 248	AGE: 22	SEX: M	METABOLIC TYPE: SLOW 1
REQUESTED	ACCOUNT NO.: 5315		DATE: 5/28/2008

NUTRITIONAL ELEMENTS



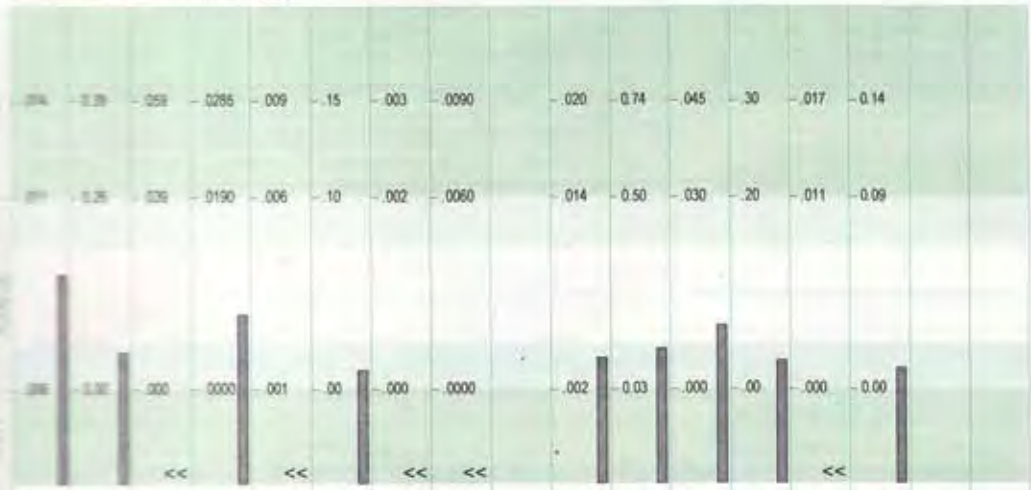
Ca	Mg	Na	K	Cu	Zn	P	Fe	Mn	Cr	Se	B	Co	Mo	S
Calcium	Magnesium	Sodium	Potassium	Copper	Zinc	Phosphorus	Iron	Manganese	Chromium	Selenium	Boron	Cobalt	Molybdenum	Sulfur
37	2.6	6	6	1.0	13	11	0.4	.008	0.04	0.07	0.09	.001	.005	4029

TOXIC ELEMENTS



Sb	U	As	Be	Hg	Cd	Pb	Al
Antimony	Uranium	Arsenic	Beryllium	Mercury	Cadmium	Lead	Aluminum
N/A	.0137	.005	.0010	0.45	.001	0.10	0.3

ADDITIONAL ELEMENTS



Ge	Ba	Bi	Rb	Li	Ni	Pt	Tl	V	Sr	Sn	Ti	W	Zr
Germanium	Barium	Bismuth	Rubidium	Lithium	Nickel	Platinum	Thallium	Vanadium	Strontium	Tin	Titanium	Tungsten	Zirconium
.009	0.05	.002	.0074	.001	.01	.001	.0005	.004	0.13	.010	.03	.001	0.01

"<<": 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

5/28/2008
CURRENT TEST RESULTS

PREVIOUS TEST RESULTS

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Health history for hair test 248.

1) Current symptoms and health history:
brain fog/poor retention
bowel dysfunction (lack of peristalsis)
abdominal fluid
low energy
hard to get going in the morning
digestion feels weak
acne (mild to moderate, used to be fairly severe)
hair falls out
severe dandruff
tired-looking eyes
listless and disconnected
never excited or happy
trouble finding words to answer people
lost my creativity and ambition
night owl habit has become extremely hard to break

2) Dental history
no fillings
no wisdom teeth removed
braces from age 14-16

3) Dental work in place - N/A

4) Dental work in mother's mouth during pregnancy: 20+ amalgams

5) Vaccinations:
DTaP 4/21/86
OPV 4/21/86
DTaP 5/21/86
DTaP 7/7/86
OPV 7/7/86
DTaP 6/1/87
MMR 6/1/87
OPV 6/1/87
Hib 2/24/88
PPD 3/15/91
DTaP 4/2/91
OPV 4/2/91
PPD 3/5/93
Td 9/26/02
Hep B 9/26/02
Hep B 11/22/02
Hep B 6/3/03

6) Supplements and meds 3-6 months before hair test
Wilson's T3 protocol
Cod liver oil (claims to be free of heavy metals and PCB's), 1 TB/day
Whey protein 40-60g/day
5-HTP 150-300mg/day
Adrenal cortex 500mg?/day
Epsom salt or magnesium oxide (Colosan) 2-3 TB/day as needed, as a laxative

multivitamin w/minerals, would be impractical to list all, 1.5 g/day

7) Other information -- see attached message if interested

8) Location -- last two years, Los Angeles... before that, Atlanta since birth with one other year in Miami (4 yr. ago)