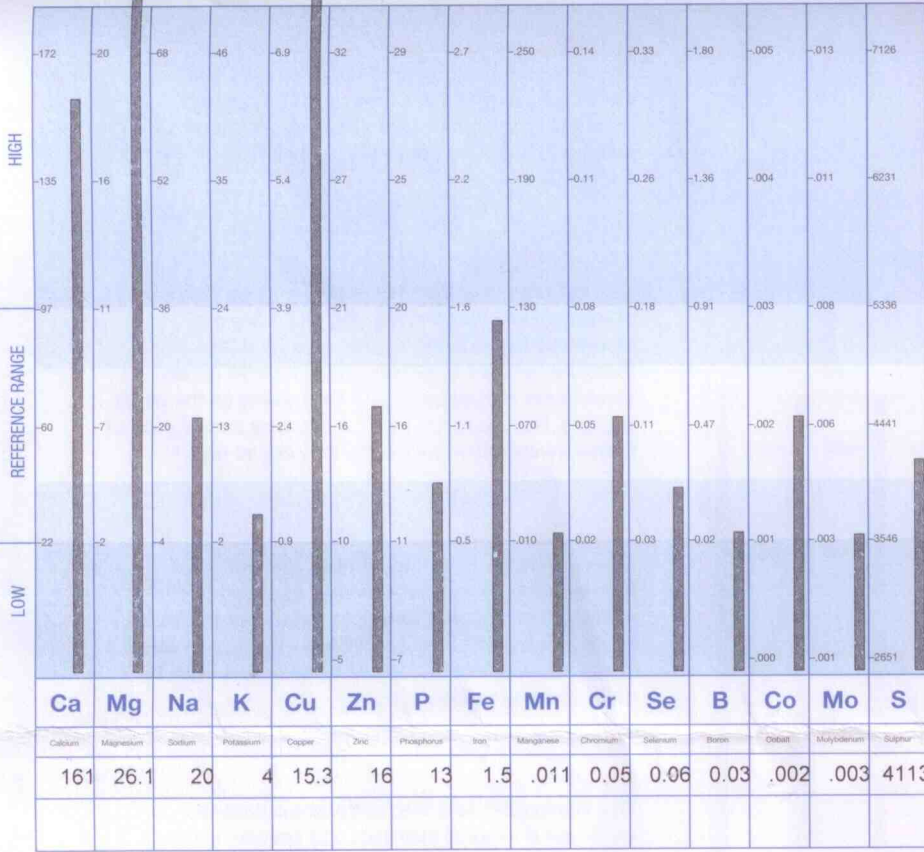
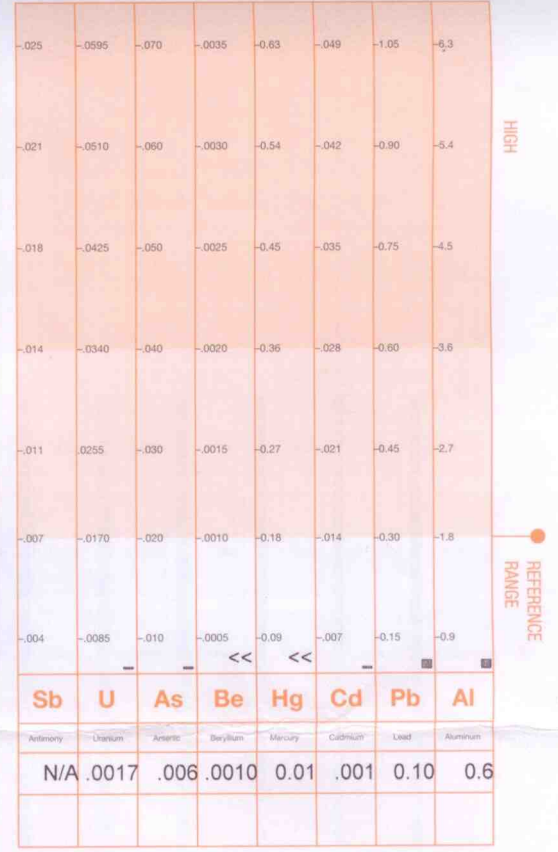


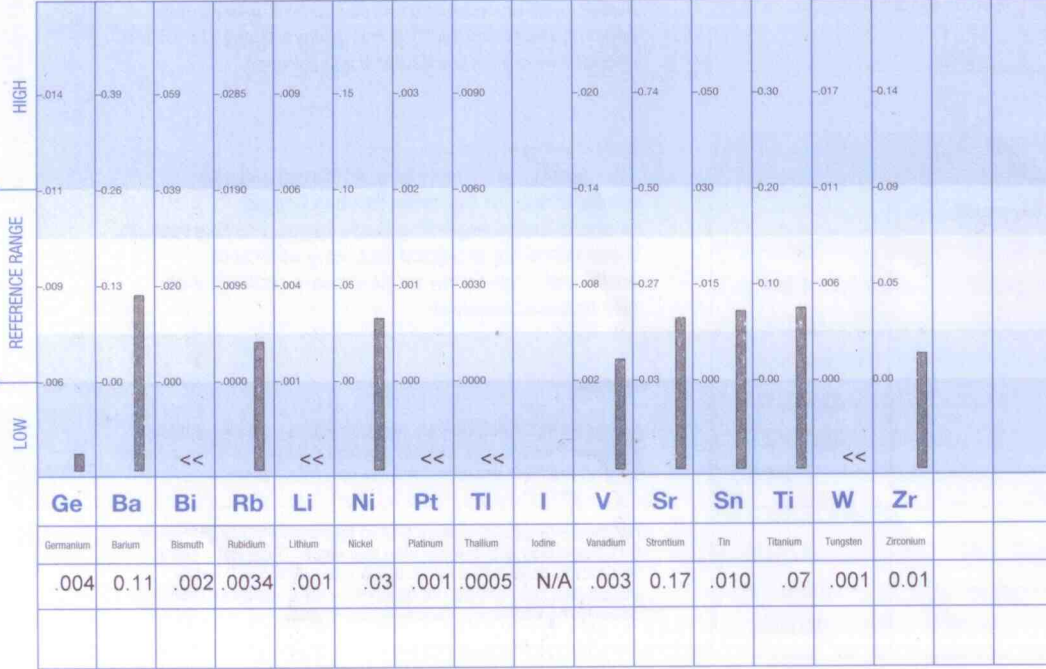
1 Nutrient Minerals



3 Toxic Minerals



2 Additional Minerals



"<<": below calibration limit; value given is calibration limit.

"QNS": sample size was inadequate for analysis.

"NA": 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

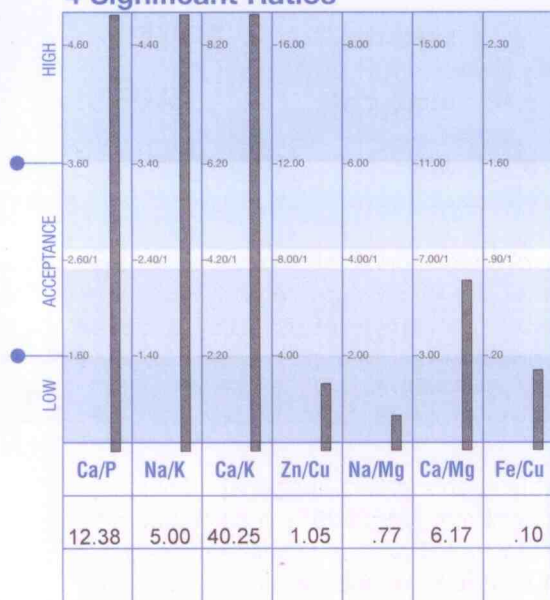
07/01/2014

CURRENT TEST RESULTS

PREVIOUS TEST RESULTS

Guide to the Graphs and Ratios

4 Significant Ratios



1 Nutrient Minerals

The first blue graph (over page) shows the levels of nutrient minerals found in the analysis. They are considered essential for many biological functions and play key roles in such metabolic functions as muscular activity, endocrine function, reproduction, skeletal integrity and overall development.

2 Additional Minerals

The second blue graph (over page) shows additional mineral levels which are considered as possibly essential to the human body. Further studies are being conducted to better define their biological and nutritional roles.

3 Toxic Metals

The first orange graph (over page) displays the levels of toxic metals found in the analysis. They are commonly found in the environment, and are, therefore, present in all biological systems. Ideally these levels should be as low as possible (in the white section). Results in the dark orange area should prompt further investigation as to why they are so high.

5 Toxic Ratios



4 Significant Ratios

Mineral balance is as important as the individual mineral levels. This section shows the important nutritional mineral relationships; calculated values of respective minerals are contrasted with 'ideal' values. These ratios reflect the critical balance that must be maintained for a healthy body.

5 Toxic ratios

This section displays the relationships between important nutritional elements and specific toxic metals. Each toxic metal ratio result should be in the white area, the higher the better. Ratios falling within the orange area may indicate an interference of a toxic metal upon another nutritional mineral. Individuals with high toxic levels may not always show symptoms associated with a particular toxic mineral.

6 Additional Ratios

Ratio	Calculated Value		Optimum
	Current	Previous	
Ca/Sr	947.06		131/1
Cr/V	16.67		13/1
Cu/Mo	5100.00		625/1
Fe/Co	750.00		440/1
K/Co	2000.00		2000/1
K/Li	4000.00		2500/1
Mg/B	870.00		40/1
S/Cu	268.82		1138/1
Se/Tl	120.00		37/1
Se/Sn	6.00		0.67/1
Zn/Sn	1600.00		167/1

6 Additional Ratios

This section provides some additional mineral relationships. At this time, there is limited documentation regarding these ratios. For this reason, these ratios are provided only as a source of additional information for healthcare professionals and to assist research.

Notes:

Levels: all minerals levels are reported in milligrammes percent (milligrammes per one hundred grammes of hair). One milligramme percent (mg%) is equal to ten parts per million (ppm).

Reference ranges: all ranges should be considered as guidelines for comparison with the reported test values. They have been statistically established for studying a population of 'healthy' individuals. They should not be considered as absolute limits for determining deficiency, toxicity or acceptance.