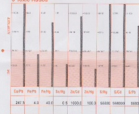




#### 4 Significant Ratios



#### 5 Toxic Ratios



#### 6 Additional Ratios

Ratio	Calculated Value		Optimum
	Current	Previous	
Ca/B	280.00	280.00	330/1
Ca/V	18.00	18.00	13/1
Ca/Mo	218.00	218.00	400/1
Fe/Ca	550.00	550.00	440/1
K/Ca	6000.00	6000.00	2000/1
K/Li	6000.00	6000.00	2500/1
Mg/B	24.00	24.00	40/1
Zn/Ca	190.00	190.00	1100/1
Se/B	40.00	40.00	33/1
Se/Cl	30	30	0.83/1
Se/Sr	66.67	66.67	180/1

## Guide to the Graphs and 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 metabolic functions such as muscle 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.

### 4 Significant Ratios

Mineral balance is as important as the individual mineral levels. This section shows the important nutritional mineral relationships. Calculated ratios of important minerals are compared with their values. These ratios affect 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 ratio, the more likely the orange area may indicate an imbalance of a toxic metal upon another nutritional mineral. Imbalances with high toxic levels may not always show symptoms associated with a particular toxic mineral.

### 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 of various levels are needed to interpret some calculations for individualized guidance. The reference ranges may be used to help determine values (p. 6).

Reference ranges of ranges should be considered as a starting point to compare with the patient's own values. They are not necessarily intended for defining a population or health assessment. This report is only to be used as a guide for identifying imbalances, trends, or concerns.

**Health history for hair test 757**

She is now 23mths and developing well with no medical issues!!  
We are based in UK in London She weights about 10kgs

I had 3 amalgams in when I carried her and also got flu vaccine while I carried her,  
and as I work as a nurse have all Hep b vaccines On probiotics and digestive  
enzymes