



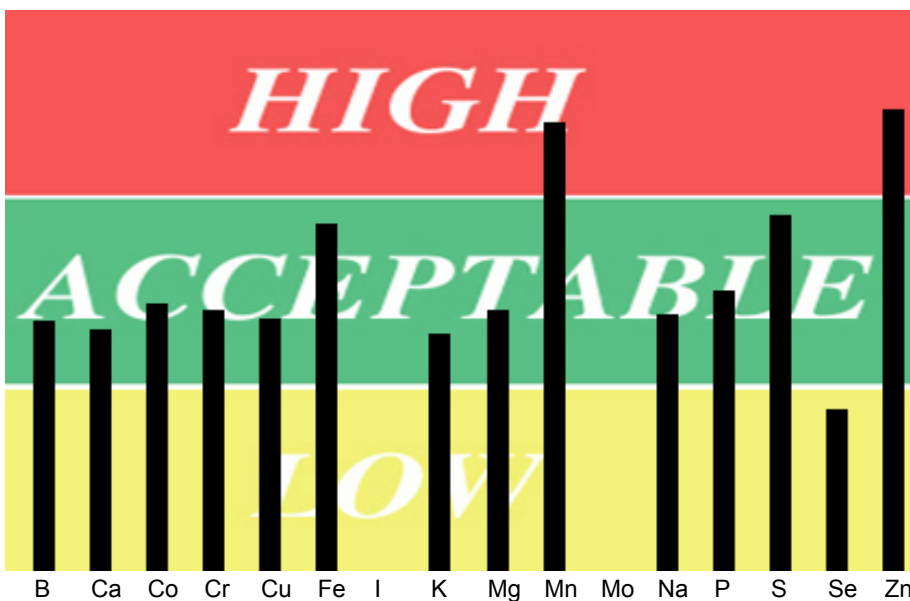
SAFE Analytical Laboratories

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Post Code:	Country:	Email:	
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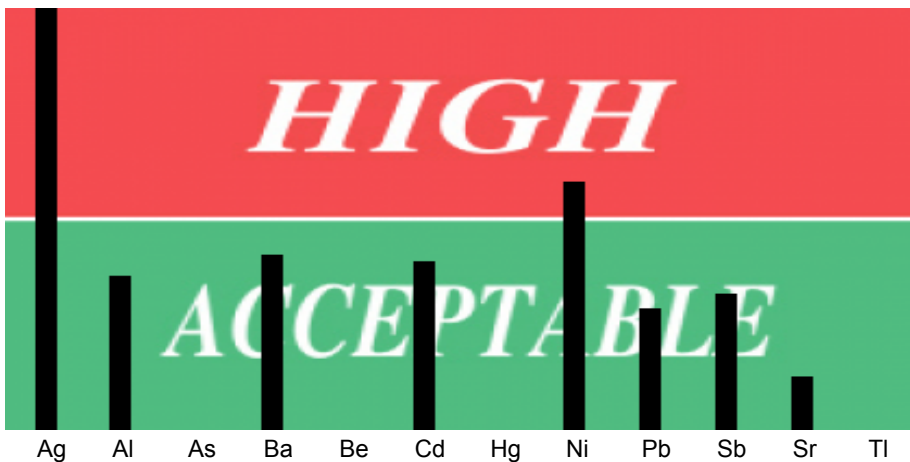
Test: Hair Analysis	Sample Weight:	Sample Location:	Pregnant:
Type: Human Full	Hair Colour:	Occupation:	
Report Date: XX-XX-XXXX	Colour Agent:	Shampoo:	
Date Received: XX-XX-XXXX	Conditioner:		
Sample: Hxxxxxx	Health:		
	Medication:		

Essential Elements



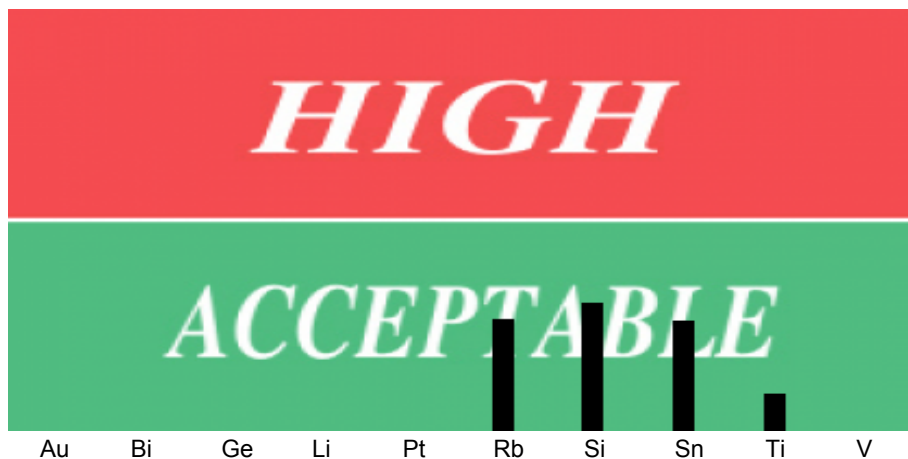
Essential Element	Result	Acceptable Range
Boron (B)	0.82	0.25-2.5
Calcium (Ca)	425	300-1500
Cobalt (Co)	0.0421	0.01-0.1
Chromium (Cr)	0.27	0.2-0.7
Copper (Cu)	13.7	10-40
Iron (Fe)	21.3	6-25
Iodine (I)	< 4	0.25-1.8
Potassium (K)	40	10-150
Magnesium (Mg)	46	30-120
Manganese (Mn)	1.08	0.1-0.6
Molybdenum (Mo)	< 0.02	0.02-0.1
Sodium (Na)	91.9	20-250
Phosphorus (P)	117	80-240
Sulphur (S)	45000	40000-50000
Selenium (Se)	0.344	0.4-1.2
Zinc (Zn)	422	100-220

Toxic Elements



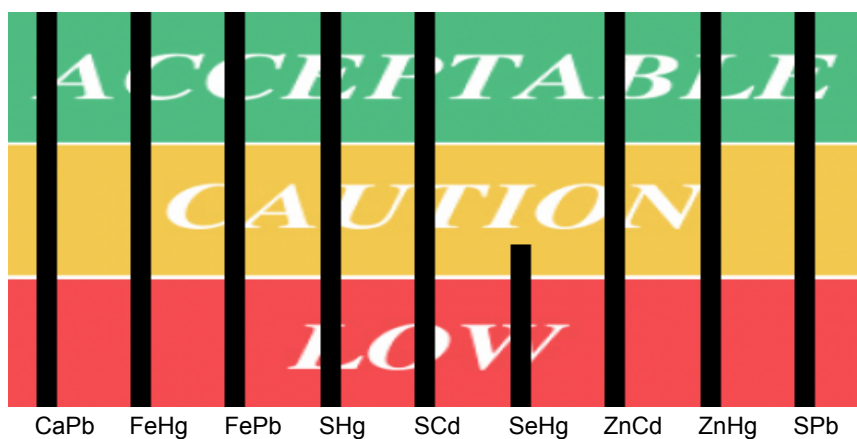
Toxic Element	Result	Acceptable Range
Silver (Ag)	1.99	0-0.15
Aluminium (Al)	10.9	0-15
Arsenic (As)	< 0.05	0-0.1
Barium (Ba)	1.66	0-2
Beryllium (Be)	< 0.05	0-0.02
Cadmium (Cd)	0.04	0-0.05
Mercury (Hg)	< 0.5	0-0.8
Nickel (Ni)	0.54	0-0.4
Lead (Pb)	0.57	0-1
Antimony (Sb)	0.0646	0-0.1
Strontium (Sr)	2	0-8
Thallium (Tl)	< 0.05	0-0.05

Non-Essential Elements



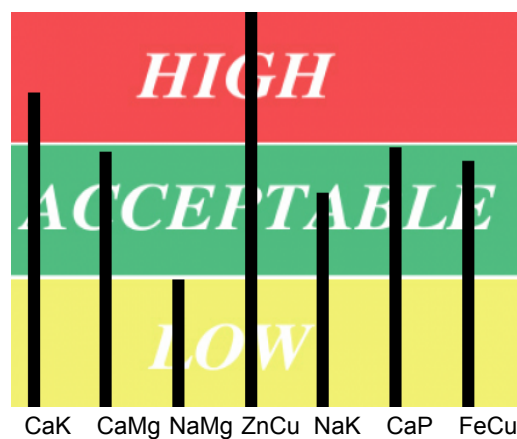
Non-Essential Element	Result	Acceptable Range
Gold (Au)	< 0.2	0-0.02
Bismuth (Bi)	< 1	0-1
Germanium (Ge)	< 1	0-0.05
Lithium (Li)	< 0.05	0-0.02
Platinum (Pt)	< 0.5	0-0.05
Rubidium (Rb)	0.0528	0-0.1
Silicon (Si)	24.1	0-40
Tin (Sn)	0.155	0-0.3
Titanium (Ti)	0.17	0-1
Vanadium (V)	< 0.1	0-0.1

Toxic Ratio



Element	Result	Acceptable Range
Ca/Pb	746	> 22:1
Fe/Hg	85.2	> 0.16:1
Fe/Pb	37.4	> 1:1
S/Hg	180000	> 1.5:1
S/Cd	1120000	> 0.05:1
Se/Hg	1.38	> 6:1
Zn/Cd	10600	> 1:1
Zn/Hg	1690	> 1:1
S/Pb	78900	> 5000:1

Significant Ratio



Element	Result	Acceptable Range
Ca/K	10.60	2:1 - 6:1
Ca/Mg	9.24	3.33:1 - 10:1
Na/Mg	2.00	2.08:1 - 6.25:1
Zn/Cu	30.80	3.2:1 - 9.6:1
Na/K	2.30	1.25:1 - 3.75:1
Ca/P	3.63	1.25:1 - 3.75:1
Fe/Cu	1.55	0.6:1 - 1.8:1

Levels: All Mineral levels are reported in parts per million (ppm)

Nutrient Elements: are considered essential for many biological functions of the human body such as reproduction, skeletal veracity, muscular movement, endocrine function and overall development and metabolic processes

Toxic Elements: Are found commonly in our environment and to some degree our bodies. These toxic minerals or 'heavy metals' can be detrimental to our general health and well being. Toxic excess is accumulated and interferes with the body's biochemical function.

Ratios: To calculate a ratio value, the value of two minerals is compared by dividing the mineral level of one with the mineral level of the other.

Significant Ratios: If certain minerals in the body are disturbed, normal biological and metabolic activity can be negatively affected. Even at very low levels, the interactions between minerals still exists and can ultimately affect metabolism.

Toxic Ratios: People with raised toxic levels may not always produce symptoms that are associated with a particular heavy metal. Toxic minerals can also cause disturbances in various essential minerals leading to their improper metabolic function.

Acceptable Range: This reference range should be viewed as a general guideline for healthy individuals.