

Minerals are defined as solid, crystalline substances - not of animal or vegetable origin. Minerals for nutritional purposes cannot be synthesized by the body. They must be utilized as natural elements from nature.

When minerals such as zinc, manganese, magnesium, copper, iron, cobalt and others become surrounded by and bonded to amino acids, in a stable form - it is referred to as chelation. Chelation is a natural means for the body to transport minerals across the intestinal wall as part of absorption. The reason amino acids are used as the "bonding" agent for minerals in - 95% of all amino acids survived the digestion process and are absorbed in the intestine.

There are many products on the market which are reported to be chelates. Some are only complexed mixtures of minerals and proteins not fitting into the definition of true amino acid chelates. These lose integrity during digestion becoming unstable and compromising the availability of the mineral.

Tracer Chelated Mineral supplements uses a technique in formulating their amino acid chelate that closely duplicates the natural chelation process that occurs within the body. This makes them highly bioavailable and therefore a more effective and reliable means of providing trace mineral nutrition.

In today's busy society, vitamin and mineral supplementation is closer to a necessity than to a luxury.

*"You can trace every sickness, every disease and every ailment to a mineral deficiency."*

Dr. Linus Pauling,  
Nobel Prize Winner



The ingredients in this product are unique and play an important role in your health and longevity.

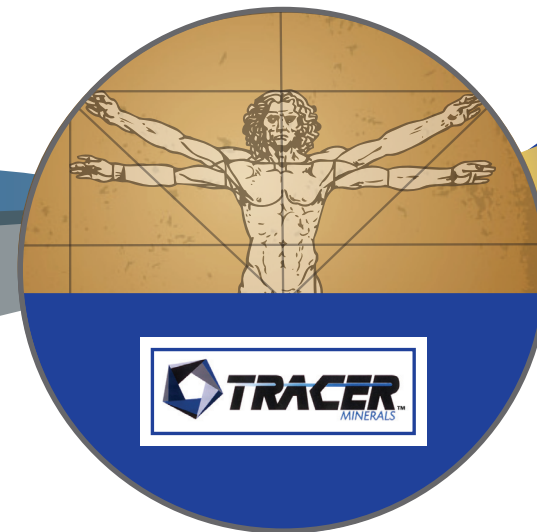
**IMPROVING YOUR HEALTH &  
BALANCE THROUGH ADVANCED  
MINERAL NUTRITION**

**TRACER MINERALS**

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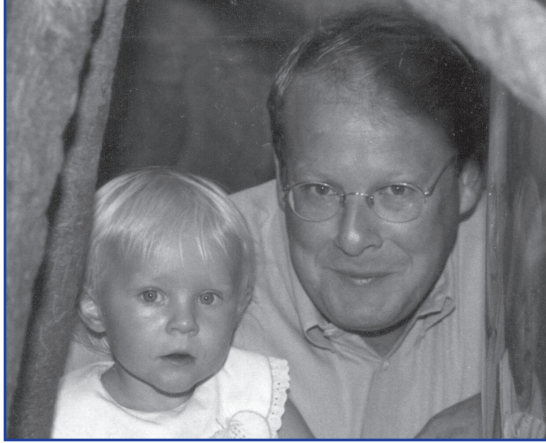


# TRACER LIFE BALANCE COMPLETE HUMAN CAPSULES



**AMINO ACID CHELATED  
TRACE MINERALS  
WITH VITAMINS.**

[www.tracerminerals.com](http://www.tracerminerals.com)



## AMINO ACID CHELATE MINERALS

### PRESCRIPTION CHEMISTRY

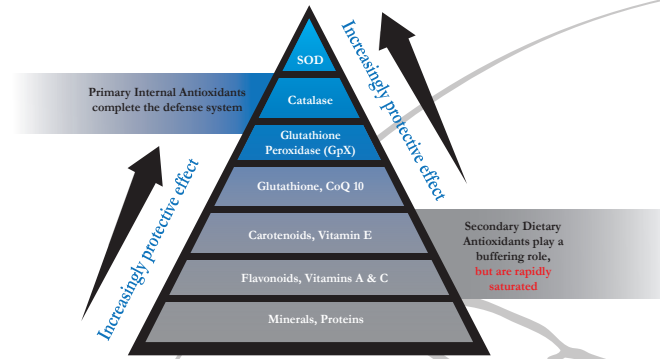
Chelation of trace minerals is a very precise science. Only an amino acid chelated trace mineral can resist digestion and maintain its integrity as it travels through the digestive system. Amino acid chelates are primarily absorbed in the jejunum area of the small intestine.

Tracer Nutrition utilizes true amino acid chelated minerals which are formed by connecting an amino acid to a mineral, forming an electrically neutral, heterocyclic ring structure that helps avoid interactions with antagonistic minerals such as iron and sulfur. This structure helps assure maximum mineral availability and absorption. The absorption process of a true amino acid chelate is more efficient and requires less metabolic energy because of its chemical structure.

Trace minerals are an absolute requirement for the formation of immunoglobulins: IgG1, IgG2, IgM, B-Cells, T-Cells and others. These cellular components are controlled by enzyme systems that have a trace mineral at their core. Life Balance Complete helps provide the body with necessary trace minerals to help the body create these cells to mount an immune response.

Subclinical trace element deficiencies have a variety of clinical signs similar to infectious diseases and are very difficult to diagnose.

Tracer Life Balance Complete helps take the guess work out of your mineral nutrition regimen.



Tracer Life Balance provides the minerals necessary to build SOD, Catalase and GpX for the efficient elimination of free radical oxygen.

### AREAS OF RESEARCH ON THE EFFECTS OF AMINO ACID CHELATED TRACE MINERALS IN HUMAN TRIALS.



**TRACER LIFE BALANCE** is formulated to promote overall excellent health thru proper mineral nutrition. The proper minerals in the correct ratios allows the body to produce enzymes, hormones and tissues for improved health, energy and performance.

- Depression & Dependency
- Hyper-excitability
- Magnesium and Asthma
- Mineral Nutrition and Allergies
- Antioxidant Defense System and Trace Minerals
- Effects on Inflammation
- Cardiovascular Disorders and Trace Minerals
- Osteoarthritis and Cartilage Breakdown
- Effects on Heart
- Inflammatory Bowel Disease
- Cognitive Function
- Immunity and Healing
- Magnesium and its Effects on Disease and Aging
- Sports Performance / Exercising
- Pregnancy and Nursing
- ROS, Pathology and Antioxidant

