

# THINK ZINC

## The Power of Zinc for Human Health

### Why the Right Zinc Matters

**The right nutritional choices are essential parts of the health and wellbeing journey. This is especially true for supplements, including zinc.**

Zinc helps support healthy immune function and overall health. It plays key roles in skin health, the senses of smell and taste and hair structure, and has a crucial role in bone, muscle, nerve and brain function. **But not all zinc is the same.** Trace minerals are generally categorized by their ability to be absorbed and utilized by the body. Some zinc sources have a low bioefficacy, meaning they are not readily available for uptake by the body and excess zinc passes through the gastrointestinal tract, decreasing the chance of the mineral being absorbed.

#### A patented zinc option for superior performance



#### Unique Absorption in the Gut

In the stomach, all trace minerals are exposed to the same acidic environment, where they can react with hydrochloric acid, which releases the mineral and decreases absorption. Once in the intestine, the minerals compete for absorption and face inhibitors such as fiber or phytic acid. All of which decreases the chances of the mineral being absorbed within the gut.

Most inorganic and organic compounds release a significant percentage of metal in the stomach because of their reaction with hydrochloric acid. The scientific literature indicates that less than one-third of inorganic and organic trace minerals are absorbed, meaning they are excreted from the body.

Organic minerals depend on a chemical binding to an organic compound such as a polysaccharide or proteinate to navigate the GI tract. How well the mineral is bound to the organic compound affects its ability to reach the small intestine and be available for absorption.



## What is Bioefficacy?

One of the most important attributes a trace mineral can have is bioefficacy defined as the efficacy of the mineral in a biological environment such as the body. Whether a mineral is an inorganic (oxides and sulfides) or an organic form (such as the zinc amino acid complex) affects how much of the ingested mineral reaches the intestine for absorption.

## A Revolutionary Breakthrough

**Zinpro® Zinc LG** is a unique, patented form of zinc that is designed to deliver superior health solutions by utilizing a unique biological pathway.

**Zinpro Zinc LG** is the only zinc on the market that bonds a metal to a specific amino acid, creating a five-membered ring that keeps the binding agent almost always intact as it transits the hostile pathway of the gastrointestinal (zinc methionine meets these criteria).

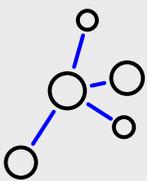
Instead of the metallic transporters involved in absorption of other minerals, **Zinpro Zinc LG** is recognized by amino acid transporters in the intestine, which is a novel biological pathway for mineral absorption, offering the best and most reliable bioefficacy in the market.

**Zinpro Zinc LG** delivers superior health solutions for those that desire optimal zinc nutrition, including healthy immune system function and overall health.



**Superior health solutions  
for those that desire  
optimal nutrition.**

## Key Attributes of Zinpro Zinc LG



- Innovative, patented amino acid complexes (with lysine and glutamate)
- Highly absorbable zinc source
- Not affected by antagonists like other trace minerals
- Uses unique biological pathway
- No carrier, meaning maximum mineral content
- Most effective mineral uptake and absorption available on the market

To learn more, please visit  
[zinprohumanzinc.com](http://zinprohumanzinc.com)



**ZINC LG**