

# Liposomal Glutathione

## DESCRIPTION

Liposomal Glutathione, provided by The Functional Perspective®, contains 250 mg of glutathione in its active reduced form paired with a liposomal phospholipid complex to enhance absorption. Glutathione is an important nutrient in the body that supports antioxidant defenses, cellular function and liver detoxification pathways. ‡

## INDICATIONS

- Protects and supports cellular function. ‡
- Supports liver health and detoxification. ‡

## FUNCTIONS AND MECHANISM OF ACTION

Glutathione is found in virtually every cell of the body and plays a critical role in protein synthesis, enzyme function, transport, and cell maturation. It is a naturally-occurring tripeptide of the amino acids L-cysteine, L-glutamate and L-glycine that confers antioxidant assistance and promotes phase I conjugation pathways in the liver to support detoxification. Glutathione sulfotransferase is the main phase II enzyme involved in the conjugation pathways, along with two antioxidant enzymes in the body; glutathione peroxidase and glutathione reductase. As such, glutathione protects the body from free radicals to support cellular function and homeostasis. ‡

Glutathione is absorbed in the intestines. The proprietary blend in Liposomal Glutathione combines reduced glutathione and specialized liposomes enriched with purified phosphatidylcholine. Purified phosphatidylcholine delivery system offers natural liposomal formation due to the hydrophobic and hydrophilic nature of phospholipids. The liposomal form protects glutathione bonds from the degradation that can occur in digestion. In an in vitro bioavailability study, glutathione absorption across an intestinal cell (Caco-2) monolayer was significantly greater with Liposomal Glutathione compared to a matching, non-liposomal powder. Optimal levels of glutathione have been associated with physical and mental health. ‡

## FORMULA (#LGSH2021)

Each softgel capsule contains:

BioGlute™proprietary blend of glutathione  
 and essential phospholipid: .....375 mg  
 Setria® glutathione.....250 mg  
 Phospholipid complex .....125 mg  
 Other ingredients: gelatin capsule (gelatin, glycerin, water), extra virgin olive oil, beeswax, calcium carbonate.

BioGlute™ is a registered trademark of Essential Nutraceuticals, LLC  
 Setria® is a registered trademark of KYOWA HAKKO BIO Co., Ltd.

**Contains: Soy**  
**Non-GMO, Gluten-free**

## SUGGESTED USE

Adults take 1 softgel capsule, 1-2 times daily with meals or as directed by a healthcare professional.

## SIDE EFFECTS

No adverse side effects have been reported.

## Liposomal Glutathione

### STORAGE

Store in a cool, dry place, away from direct light. Keep out of reach of children.

### REFERENCES

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‡These statements have not been evaluated by the Food and Drug Administration.  
This product is not intended to diagnose, treat, cure, or prevent any disease.

Manufactured for  
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