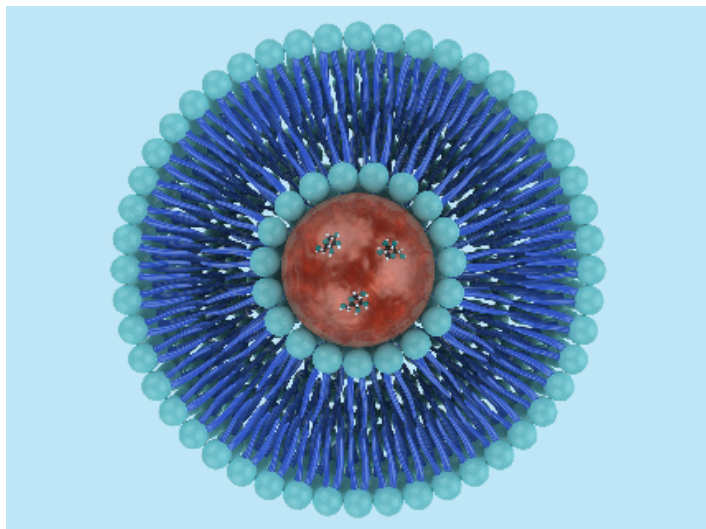




PRODUCT PROFILE SHEET

Glutathione is an antioxidant, antixenobiotic and cell regulator, naturally produced in cells. **Glutathione plays a key role in the liver in detoxification reactions.** It is comprised largely of three amino acids: glutamine, glycine, and cysteine. Glutathione levels in the body may be reduced by a number of factors, including poor nutrition, environmental toxins, and stress, plus its levels also decline with age. In addition to being produced naturally by the body, glutathione can be supplemented orally. According to research, unfortunately conventional forms of glutathione may be easily degraded in the gut and as a consequence, not well absorbed¹. Therefore having a liposomal form like **PureWay® G**, with **superior absorption and easier recognition by the body**, is a great advantage.

What makes PureWay® G unique?

PureWay® G is different from standard forms of glutathione available on the market as it is **manufactured in a true liposomal form**, which facilitates the uptake, distribution and release kinetics of actives. Liposomes are spherical structures enclosed by a phospholipid bilayer. Phospholipids are similar to the makeup of cell membranes, so when an ingredient encapsulated in liposomes is ingested, the body recognizes it more efficiently. By outsmarting the body, **liposomes pass through the digestive tract without much nutrient loss and travel directly into the bloodstream** where they can be delivered directly into the body's cells.



PureWay® G is made with **a true liposomal technology rather than an emulsion**. The technology is made with a proprietary **all-natural process** using no alcohols or solvents and with Non-GMO, Vegan, Halal and Kosher sunflower lecithin.

How does it work?

- **A Familiar Makeup:** Fatty acids and phospholipids are naturally present in human cells. When a liposomal form enters the body, the body tends to recognize it better.
- **Faster Movement:** Since liposomal ingredients are more likely to be accepted by the body, they are also most likely to be spread quickly through the body.
- **Superior Absorption:** While conventional ingredients are typically absorbed at intestinal levels, liposomal ingredients allow more nutrients to be absorbed at the cellular level.
- **Safe and stomach-friendly:** By increasing cellular uptake, lower dosages can be used, therefore side effects associated with large dosages are less likely to happen (nausea, cramping).

Product Advantages

- ✓ **Glutathione is supported with better absorption**
- ✓ **Glutathione is spread faster in the body**
- ✓ **Lipid metabolites facilitate cellular uptake**
- ✓ **Lower dosages can be implemented in formulations**
allowing combination with other ingredients and offering less side effects caused by high doses.
- ✓ **Kosher & Halal Certified**
- ✓ **Vegetarian & Vegan**

Research

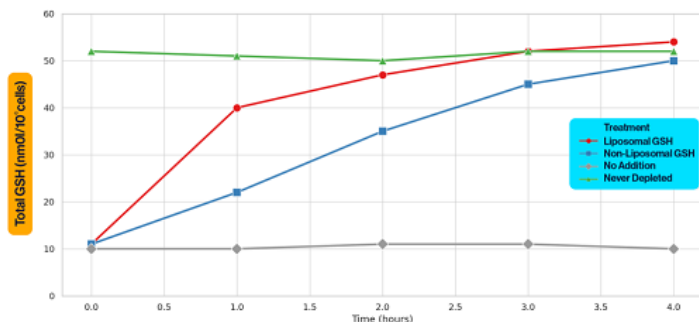
According to research Glutathione is involved in **tissue building and repairing**², **oxidative stress reduction**³⁻⁶, **cell repair**^{7,8}, as well as supporting **liver health**^{6,9}, **healthy aging**^{8,9} and the **immune system**.¹⁰⁻¹² Glutathione supplementation may also improve **insulin sensitivity** in subjects with and without diabetes type 2.¹³⁻¹⁵ Additional research suggests Glutathione may help decrease **wrinkles on skin** whilst improving **skin elasticity**⁵ and help reduce hyperpigmentation by reducing skin's melanin production¹⁷. Research also suggests that Glutathione provides **joint support**.¹⁸

New Research PureWay® G

New in-vitro research¹⁹ (2025) shows that PureWay® G delivers glutathione into human cells at twice the rate of standard, non-liposomal glutathione, restoring depleted intracellular levels faster and more efficiently. PureWay® G was significantly more effective at stimulating protection against oxidative damage and showed statistically better absorption compared to non-liposomal glutathione. PureWay® G also showed improved absorption into cells which explains the improved bioactivity¹⁹.



Table 1
Enhances Cellular Uptake vs Other Forms



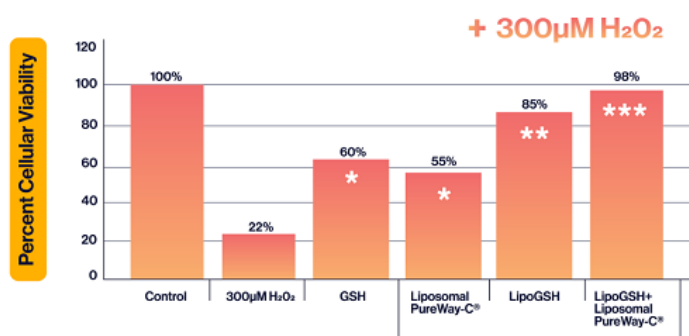
PureWay[®] G Synergy with Liposomal PureWay-C[®]



Furthermore, the new study demonstrated that, when combined with Liposomal PureWay-C[®], the results were even more compelling. Human endothelial cells pretreated with both ingredients demonstrated nearly 100% protection against oxidative stress induced by hydrogen peroxide—far exceeding the protective effects of either ingredient alone.

This outcome suggests an interesting synergistic mechanism of action between PureWay[®] G and Liposomal PureWay-C[®], offering a potential dual-layer antioxidant defence and increased cellular viability.

Table 2
Enhances Cellular Defense Against Oxidative Stress

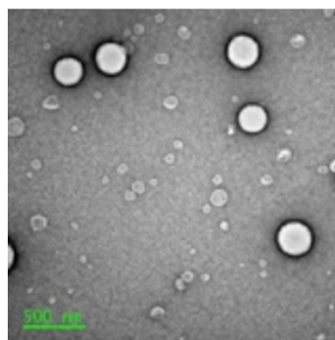


Manufacturing Process

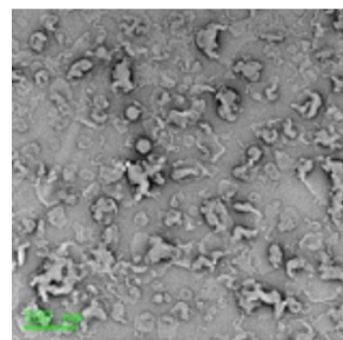
The market is saturated with liposomal products that rely on "thin film dispersion" or "double freeze-dried emulsions"—methods that unfortunately may produce volatile liposomal capsules where the **nutrients disperse before making it into the cell**.

After years of research, One Innovation Labs has perfected an advanced liposomal delivery encapsulation technology. LiposoMax[®] is produced in a state-of-the-art GMP manufacturing facility and leverages true liposomal delivery **by encapsulating nutrients with a lipid bilayer to deliver superior results**.

The Micro-analytical images below show LiposoMax[®] technology vs other liposomal forms (in the example the active is Vitamin C), highlighting true benefits.



Liposomal PureWay-C[®] 70% Powder



Other liposomal brands

Product Range

Ingredient	Form	Active	Concentration	Available Grade
PureWay G	Liposomal	Glutathione	68-75%	Powder





More available PureWay® Liposomal grades:

Ingredient	Form	Active	Concentration	Available Grade
PureWay B	Liposomal	Vit B Complex	Ask for details	Powder
PureWay C	Liposomal	Vitamin C	67-73%	Powder
PureWay C	Liposomal	Vitamin C	47-53%	Water Dispersible*
PureWay Creatine	Liposomal	Creatine	65-75%	Powder
PureWay D	Liposomal	Vitamin D3	Min. 1.625mg/g	Powder
PureWay M	Liposomal	Melatonin	50-55%	Powder
PureWay Multi	Liposomal	Multi Vitamin	Ask for details	Powder
PureWay Q	Liposomal	Quercetin	68-75%	Powder
PureWay Q10	Liposomal	CoQ10	70-80%	Water Dispersible*

*Powder Form

Product Pack Size

PureWay® G is offered in 20kg bags.

Product Applications

The PureWay® liposomal range is stable to use in all applications, e.g. tablets, sticks, sachets, gummies, powder to be mixed in hot and cold beverages – independent of pH. We highly recommend sampling PureWay® G to ensure it meets the requirements of your specific application.



About



One Innovation Labs is a global science-based company specialising in R&D and manufacturing of unique, safe and efficacious proprietary ingredients.

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