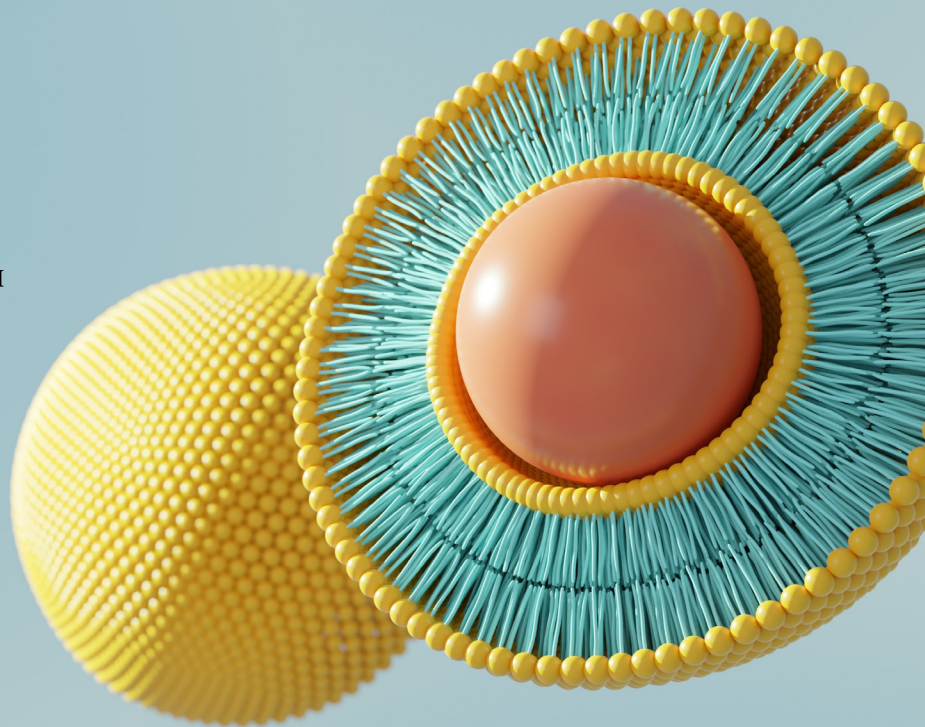
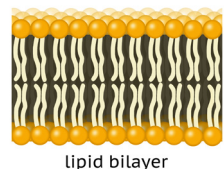




What are Liposomes?

Liposomal supplements are an innovative way to deliver nutrients and compounds directly to the cells in your body. Liposomes work as vehicles to carry nutrients into our body. More specifically, small spherical structures composed of a phospholipid bilayer are used to encapsulate nutrients of interest and are used to deliver them directly to cells in the body. The phospholipid bilayer, similar to cell membranes, facilitates the passage of liposomes through the digestive system and enables their absorption into cells more readily.



Benefits of Liposomal Supplements:



Enhanced absorption: Because the liposomes are able to efficiently deliver nutrients directly to the cells and can be absorbed much more effectively than traditional supplements. This can result in higher levels of the nutrient or compound being absorbed by our bodies and lead to increased effectiveness, along with potential health benefits.



Broad range of nutrient delivery: Liposomal supplements can contain either fat-soluble or water-soluble nutrients and are available in various forms, including liquids, sprays, and capsules. The lipid carrier allows enhanced intracellular delivery of nutrient payloads.



Increased bioavailability: Bioavailability refers to the amount of a nutrient or compound that is able to enter the body and have an active effect. Liposomal supplements have a much higher bioavailability than traditional supplements, which means that a smaller dose can have a stronger impact.



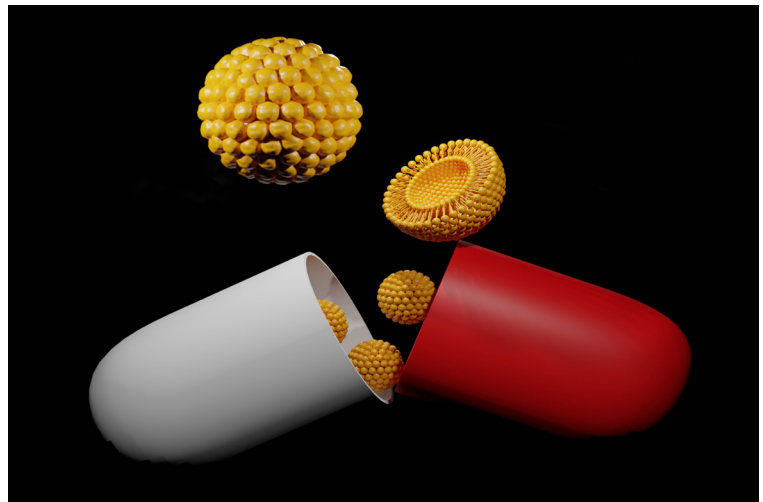
Improved stability: Some nutrients and compounds are sensitive to heat, light, and other environmental factors, which can cause them to break down or become less effective. Liposomes can protect these sensitive compounds from degradation, making them more stable and effective.

Overall, liposomal supplements offer a convenient and effective way to deliver nutrients to the cells in your body. If you are interested in maximizing the effectiveness of your supplements, consider trying liposomal versions to see the potential benefits for your line of products.

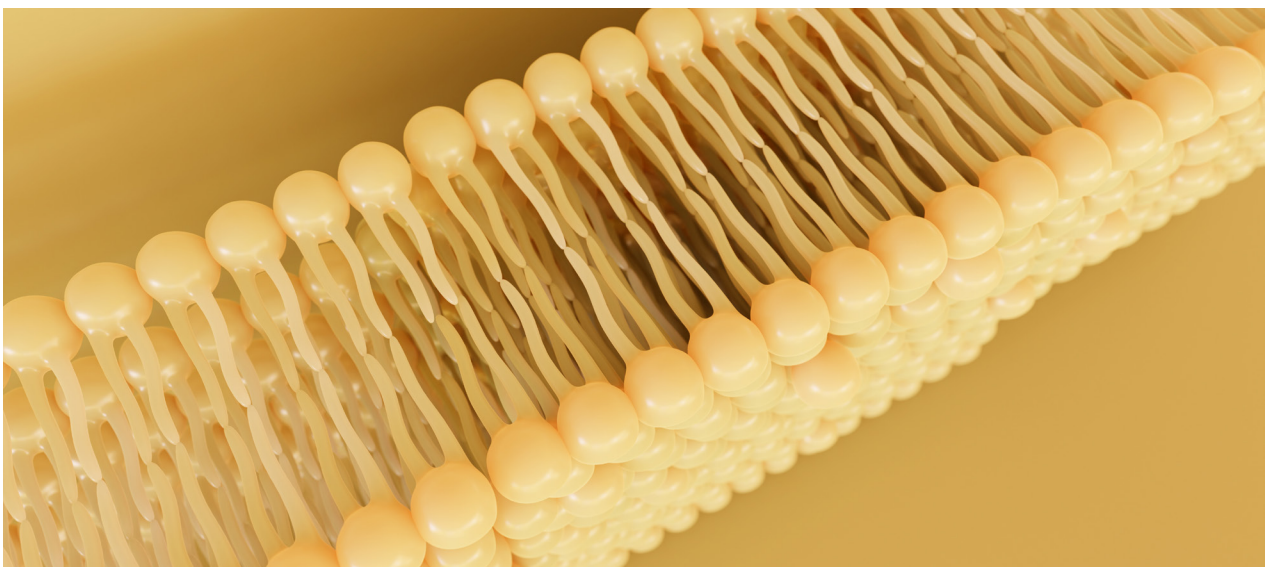
Why

Liposomes
compared to other
forms of product
delivery?

The delivery form of supplements can significantly impact the body's ability to absorb them. Tablets and capsules, which have traditionally been the main way to take supplements, can often be formulated with fillers and binders that make it difficult for the body to use the ingredients. Liposomes are an alternative delivery system that can be more effective in delivering certain types of nutrients, such as antioxidants, phosphatidylcholine, and fatty acids, because they resemble the structure of human cell membranes and are recognized by the body.



Liposomes can help increase the absorption of nutrients, protect them from degrading in the gastrointestinal tract, reduce the risk of gut irritation, and increase bioavailability. They are also easy to take and have virtually no known side effects. Liposomes are particularly useful for delivering antioxidant compounds, along with many other nutrient types.



Superior Liposome Structural Quality

LipoQuest™

Our exclusive liposome technology allows us to create LipoQuest™ with high structural integrity, ensuring that they maintain their effectiveness and shape over time. Many other liposomal products on the market may not have the same level of structural integrity and may not be true liposomes at all. Our advanced delivery system takes the benefits of liposomes to the next level by encapsulating nutrients within these microscopic lipid droplets. This ensures that our ingredients are highly stable and able to be easily absorbed and utilized by the body, resulting in superior results that consumers can trust. The combination of our exclusive liposome technology and advanced delivery system makes LipoQuest™ truly unique and highly bioavailable supplements.

All- Natural,

non-GMO, and
Allergen Free



Vesta's proprietary LipoQuest™ is lecithin-based, sourced from sunflowers, and is all-natural/allergen-free. This makes our liposomes safer for use and more easily absorbed. Our liposomal nutritional products rise above others on the market, which may not be allergen-free and may not be suitable for those with dietary sensitivities. Our proprietary manufacturing technology also ensures that our liposomes are of the highest quality and made from all-natural ingredients, leading to improved delivery and efficacy. Whether you are looking to improve an existing nutritional brand or develop a new product, our liposomes offer a natural and effective solution.

Liposomal Product Offerings

LipoQuest™ Vitamin Series:

- **Vitamin C** - water-soluble nutrient that plays a vital role in supporting a healthy immune system and promoting collagen production
- **Vitamin B12** - essential nutrient that plays a vital role in the proper functioning of the brain and nervous system, the formation of red blood cells, and metabolism
- **Vitamin D3** - fat-soluble nutrient that is essential for maintaining healthy bones, supporting a healthy immune system, and regulating calcium/phosphorus levels
- Additional Vitamin custom formulations available upon request



About Us

Vesta Ingredients has been a leader in the nutraceuticals industry for over 20 years. The superior quality of Vesta Brand raw ingredients has ensured the success of our clientele.

We have been in the nutraceutical industry since 1996 and are known for providing high quality ingredients as well as excellent customer service. Vesta Ingredients offer a range of raw materials and can also manufacture innovative products. We strive to provide top-notch ingredients and excellent customer service.

LipoQuest™ Nutritional Product series:

- **Hyaluronic acid** - for maintaining youthful skin, eye hydration, and joint health
- **CoQ10** - natural antioxidant that can help to support cardiovascular health, improve energy levels, and protect cells from oxidative stress
- **Glutathione** - support a healthy immune system, protect cells from oxidative stress, and improve overall health and wellness
- **Pearl Tomato®** - A proprietary tomato extract powder, uniquely rich in multi-functional colorless carotenoids, sourced from specially selected non-GMO tomato fruit. Brightening & lightening Skin, Firming, and moisturizing. This ingredient can be used in the food and beauty industry.
- Additional nutritional product custom formulations available upon request

INNOVATIVE PRODUCTS AT COMPETITIVE PRICE

SPECIALTY INGREDIENTS CONTRACT MANUFACTURING PRIVATE LABEL

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