QUICKSILVER DELIVERY SYSTEMS™

front.desk@quicksilverscientific.com
QuicksilverScientific.com

Faster, stronger, and more effective, Quicksilver Scientific's liposomal delivery of nutrient compound far outpaces tinctures. The advanced technology behind this groundbreaking lipquid delivery method makes for precise dosing and immediate effect.

WHAT MAKES A GOOD LIPOSOME?

EFFICIENT COMPOUND DELIVERY

Liposomes are microscopic single-to multi-layer spheres made of phospholipids—the basic building blocks of cell membranes. We engineer these phospholipids to encapsulate compounds, in order to bypass the digestive processes that normally degrades or limits compound absorption.

FAST ABSORBTION

Our liposomes bring the power of intravenous therapy into convenient oral delivery. Unlike other liposomes on the market that use low grades of phospholipids (e.g. raw lecithin), which breakdown and do not deliver compounds effectively, the high-phosphatidylcholine phospholipid mixes are smaller, more stable, and tightly distributed single-layer spheres (unilamellar vesicles). Our vesicles are small enough to begin absorption as soon as they hit your mouth.

PARTICLE SIZE

Most nutraceutical manufacturers typically use cheap shear methods resulting in large particles (200–600nm) that absorb poorly. Most of our particle systems fall in the same 50–100nm range that pharmaceutical companies target.

SUPERIOR CHEMISTRY

Well-engineered liposomes have demonstrated the ability to cross the blood-brain barrier, deposit their cargo intracellularly, and enhance lymphatic circulation of therapeutic compounds.

SMART INGREDIENTS

The phospholipids that compose the liposome shell feed the cell membranes themselves. This promotes proper cellular function, like the absorption of nutrients and the excretion of cellular waste products and toxins.

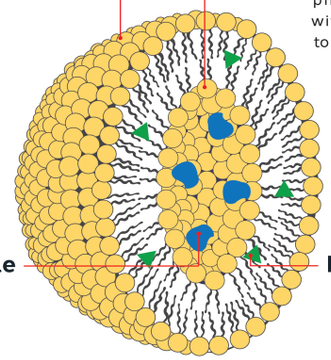
QUICKSILVER SCIENTIFIC

THE ADVANTAGES OF LIPOSOMAL DELIVERY

Unilamellar Liposome

Fundamental
Liposomes are made of Phospholipids—the basic building blocks of cell membranes—and encapsulate nutritional compounds. The combined benefit promotes healthy cellular function.

Bioavailable
These encapsulating phospholipids bond with cell membranes to facilitate intracellular delivery.



Water-Soluable Compounds

Lipid-Soluable Compounds

Small and Fast
Our tiny liposomes are rapidly absorbed, starting in the mouth.

Highest Quality
We use the same laboratory equipment, rigorous processes, and tight particle size controls used by the best pharmaceutical companies.

PHOSPHOLIPID ENCAPSULATION

Liposomal delivery brings the power of intraveous therapy into convenient oral delivery. Typical absorption of hemp oil is poor with only about 10% uptake in the GI tract. Liposomal encapsulation of compounds similar to nutrient compound have been shown to increase absorption five-to-ten fold. Our pharmaceutical-grade nutrient compound out performs other products thanks to smaller, more stable, single-layer spheres made from the highest-grade ingredients available.

In a test against cannabinoid uptake results published by a leading competitor, our liposomal hemp oil was absorbed in the blood in amounts three times as great at half the dose. In fact, phospholipid therapy, using both injectable forms and oral forms, has long and solid clinical history.

Quicksilver Scientific is a Colorado-based company.
QuicksilverScientific.com| front.desk@quicksilverscientific.com| 303-531-0861