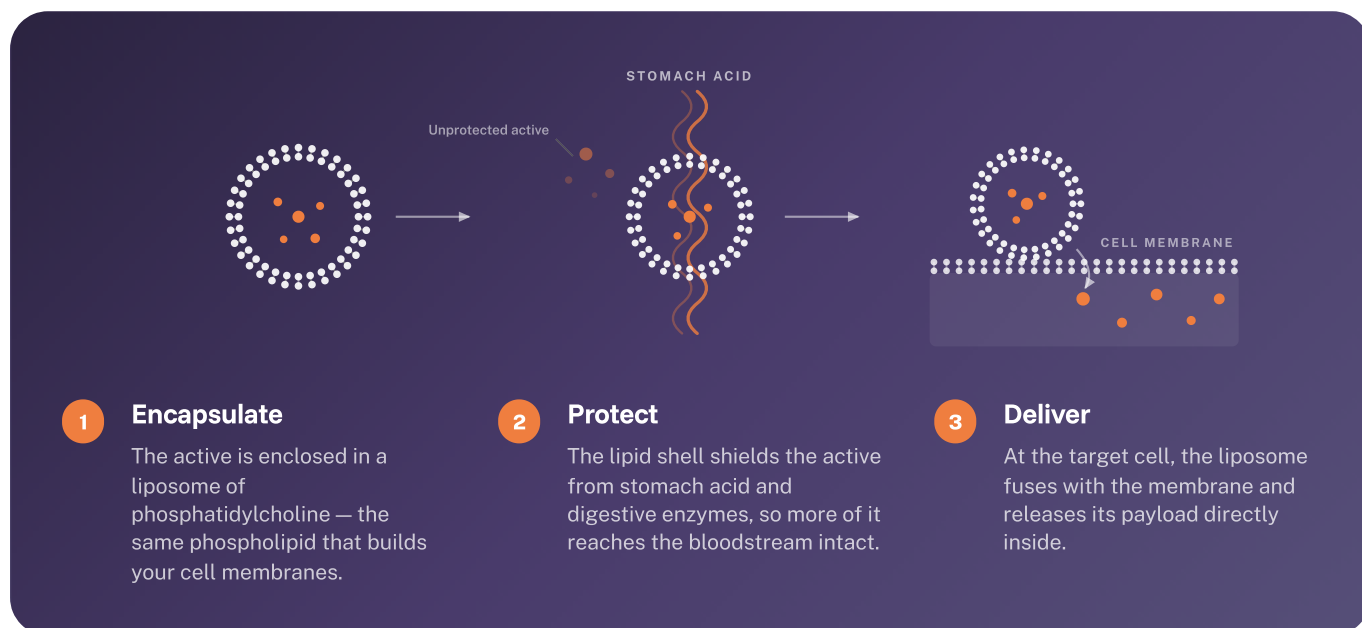


Smarter delivery. Better absorption.

Liposomal delivery moves an active through the digestive system and into the cell. The active sits inside a microscopic lipid sphere — a liposome — built from **non-GMO sunflower lecithin**. Because that shell mirrors a human cell membrane, it survives stomach acid, passes common absorption barriers, and releases its payload where the body can use it.



LIPOSOMAL VS. STANDARD

Bioavailability



Protection in the gut



Cellular delivery



IN NUMBERS

+90%

Higher bioavailability
than standard forms

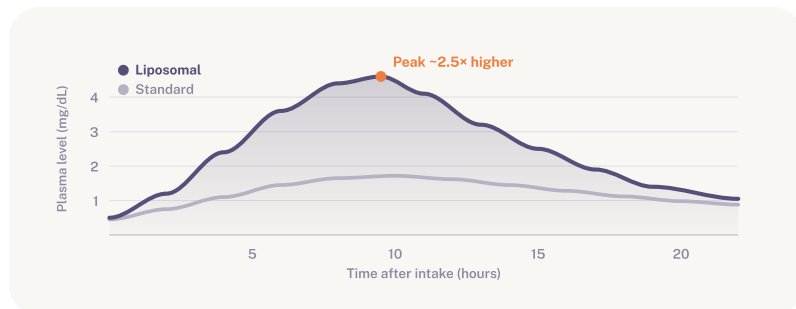
75K+

Orders fulfilled
across Europe

FSSC 22000

EU production ·
COA per batch

CLINICAL EVIDENCE · VITAMIN D (N=24)



Mean plasma concentration over 20 hours. The liposomal formulation peaks around 2.5× higher than the standard form, and stays elevated longer. Internal Purovitalis study, n=24 [5].

What the curve shows.

Two things matter here: **how much** of the active reaches the bloodstream, and **for how long** it stays there.

The liposomal form does better on both. A higher peak means less of the dose is lost on the way; a slower decline means a steadier level through the day.

WHY SUNFLOWER LECITHIN

Allergen-friendly, and more stable.

We choose non-GMO sunflower lecithin over soy. It avoids GM-crop concerns, and it is rich in phosphatidylcholine — the phospholipid that determines how stable a liposome is and how reliably it releases the active.

The shell is not a detail. It decides whether what is on the label is what reaches the cell.

Made in Europe.

Every batch is produced in Europe under GMP/ISO standards, tested by an independent lab, and released with a Certificate of Analysis you can look up before you order.

WHERE WE USE IT · LIPOSOMAL FORMATS

We do not make everything liposomal. We use it where the active has a known absorption problem.

Resveratrol	Poorly water-soluble and heavily processed by the gut wall and liver, so little of an oral dose reaches circulation unchanged .
NMN	Water-soluble but fragile: a large share is broken down in the digestive tract before it can be taken up.
Quercetin	A flavonoid with very low water solubility and extensive first-pass metabolism, which limits how much becomes available.
Spermidine	A polyamine that is degraded by intestinal enzymes , so uptake from a standard format is inconsistent.
Vitamin D	Fat-soluble, so absorption depends on dietary fat and bile — and varies widely between people and between meals.

Partner with Purovitalis

Want this brief co-branded for your clients, a deeper data pack on a specific active, or the current list of liposomal formats? Talk to our B2B team.

wholesale@purovitalis.com
purovitalis.com/liposomal-technology

References [1] Shade CW. *Integr Med (Encinitas)*. 2016;15(1):33–36. · [2] Allen TM, Cullis PR. *Adv Drug Deliv Rev*. 2013;65(1):36–48. · [3] Akbarzadeh A, et al. *Nanoscale Res Lett*. 2013;8(1):102. · [4] Gopi S, Balakrishnan P. *J Liposome Res*. 2021;31(4):356–364. · [5] Purovitalis vitamin D liposomal study (n=24), internal data — purovitalis.com/liposomal-technology