

Phytopresome™ Series

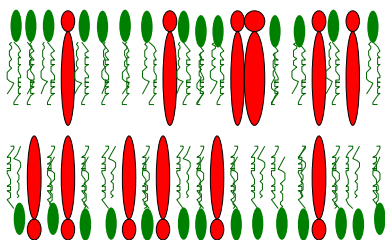
100% plant derived
(Phospholipids part)

Features

- ◆ Easy procedure : by using homomixer, etc. **making stable liposomes** is possible. (No need to use special machines such as high pressure emulsifier, etc.)
- ◆ **Intramembranous inclusion of lipid-soluble active ingredients** is possible.
- ◆ Has multi-lamellar liposome structure.

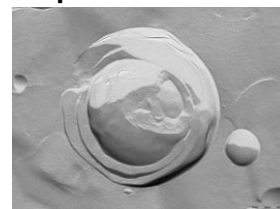
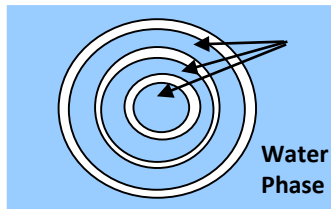


Phytopresome™ (Image of powder)



Dispersion in Water Phase

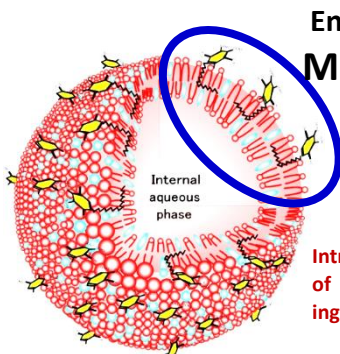
Multi Lamellar Liposome



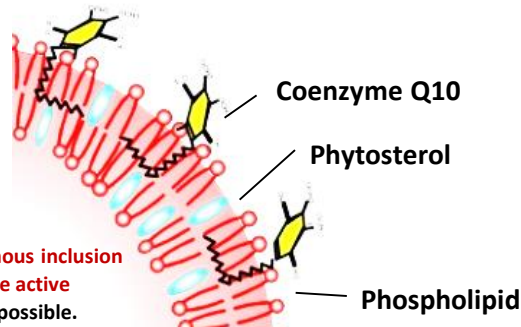
Electron Micrograph



Product Photograph



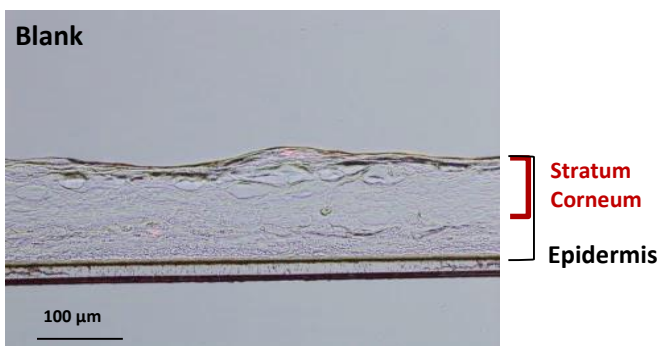
Enlarged Models



Intramembranous inclusion of lipid-soluble active ingredients is possible.

Enhancement of penetration + retention rate of active ingredients into the Stratum Corneum

3D Fluorescence Micrograph of a cross-section of the skin model (3 hours)



Increase of Penetration Enhancement & Retention

Index: DIL (lipophilic fluorescence dye)

Line-up

Phytopresome™ Basic type

INCI: Hydrogenated Lecithin, Phytosterols

- **Stabilization** in aqueous formulation
- **Lipid-soluble active ingredients** can be added



Phytopresome™ Cera-236 & Cera-V with Ceramides type

INCI: Hydrogenated Lecithin, Phytosterols, Ceramide NG, NP, AP and/or EOP, AG

- **Stabilization** in aqueous formulation
- Increased **hydration & skin barrier function**



Phytopresome™ Q10 with Ubiquinone type

INCI: Hydrogenated Lecithin, Phytosterols & Ubiquinone

- High **moisturizing** effect
- **Anti-aging** effect



Phytopresome™ Asta with Astaxanthin type

INCI: Hydrogenated Lecithin, Phytosterols & Astaxanthin

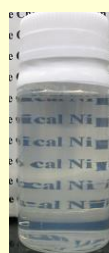
- Strong **anti-oxidant** effect
- **Anti-aging** effect



Phytopresome™ FA-OR with Ferulic acid/ γ -Orizanol type

INCI: Hydrogenated Lecithin, & Ferulic acid/ γ -Orizanol

- **Anti-aging** effect
- Promoted **sebum secretion**
- UV absorption, Antibacterial



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