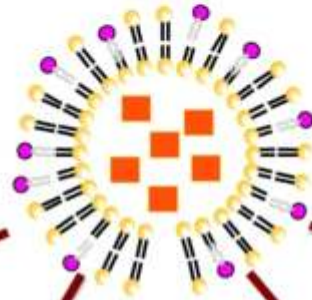


New market of Liposome



Functionality Cosmetic

Various Vitamin, Peptide,
Protein, Plant,
Animal Extract,
Various Materials, etc.



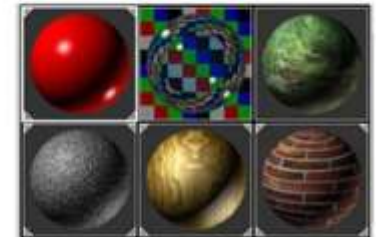
Functionality Food

Useful Material,
Food Additives,
Vitamin, etc.



Pharmaceutical Products

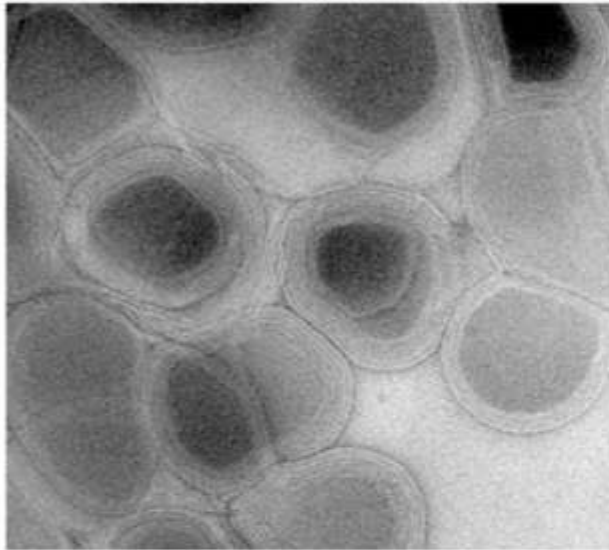
Composed Medicine,
Peptide, Protein,
Nucleic Acid, etc.
Oral Cavity Care, Eye Care



Material

Reagent, Pesticide, Manure,
Water Preservation
Preparation, Paint,
Insecticide, etc.

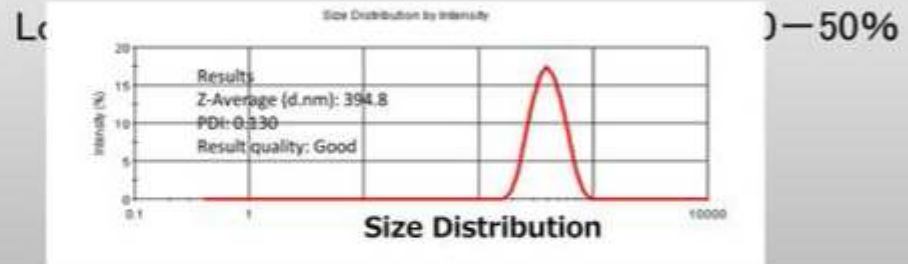
Feature of Liposome



(Negative colorization by Phosphorous Tungsten Acid)

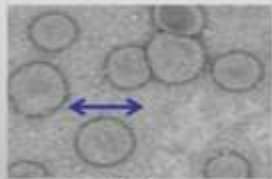
Feature of Liposome

- Constant Capsule Size (No other competition)
- Large Inside Space (Large amount imbedding)
- High imbedding ratio → Hydrophobic imbedding: 95–100%

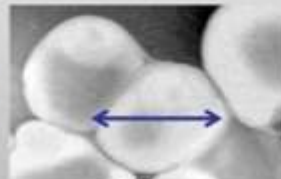


■ Liposome size design and control

- Size range control between $\phi 100\text{nm} \sim 800\text{nm}$
- Applicable for various Lipid



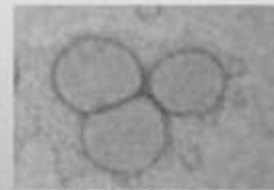
100 nm



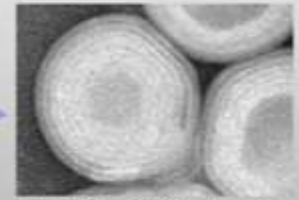
800 nm

■ Membrane design and control

- Design single to multi layer of Lipid double membrane
- Applicable for various Lipid

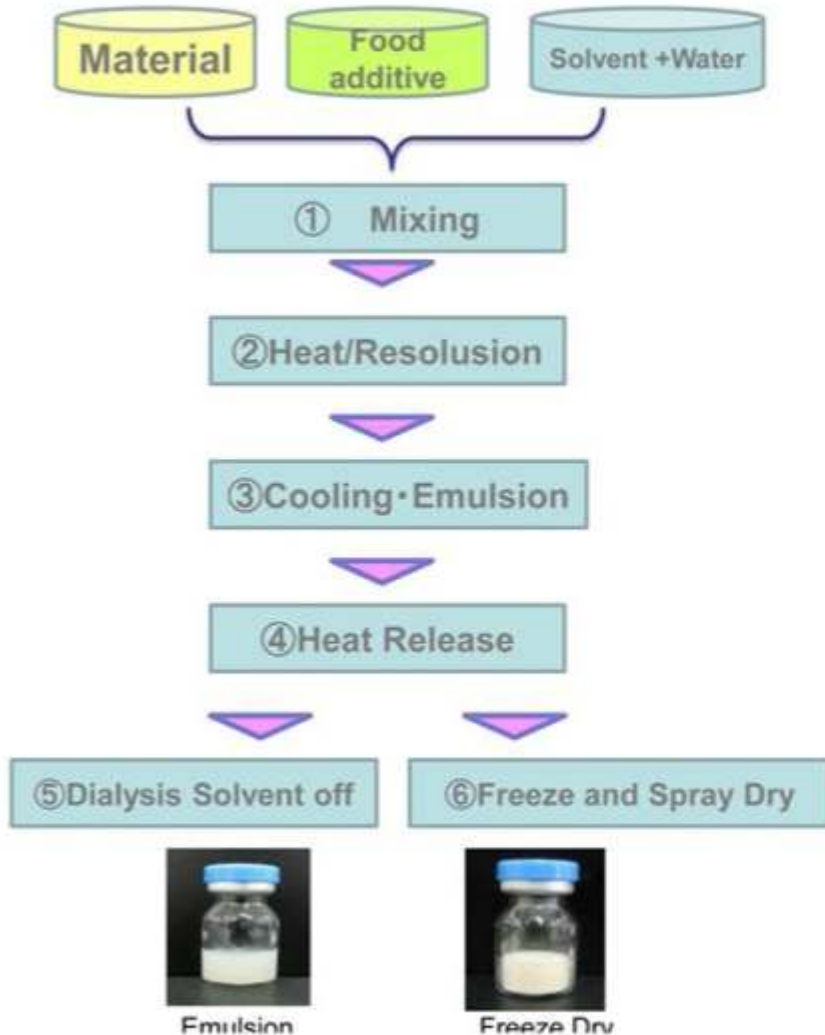


Single Membrane



Multi Layer Membrane

Manufacturing Method



■ Material

(Listed materials on existing additives)

Name=Lecithin, Product=Lecithin, Application=Emulsifier

■ Applicable Food Additives

Various Vitamin, Polyphenol, Collagen and Extracts
Other materials authorized Food additives