



EGG YOLK LYSOLECITHIN LPC-1

Egg Yolk Lysophosphatidylcholine

Kewpie Corporation

“EGG YOLK LYSOLECITHIN LPC-1” is a kind of lipids in powder form of which main component is lysophosphatidylcholine. It is extracted by ethanol from hydrolysate of fresh chicken egg yolk hydrolyzed by phospholipase A₂, and refined.

EXCELLENT FEATURES OF EGG YOLK LYSOLECITHIN LPC-1

EGG YOLK LYSOLECITHIN LPC-1 is white to pale-yellow powder having almost no odor . It has excellent emulsifying effect and water-binding property , in addition it is stable even in transparent soluble substances .

It can be used for wide range of cosmetics as an emulsifier , solubilizer and moisturizer, including skin lotion and facial cream .

SOLUBILITY IN DIFFERENT SOLVENTS

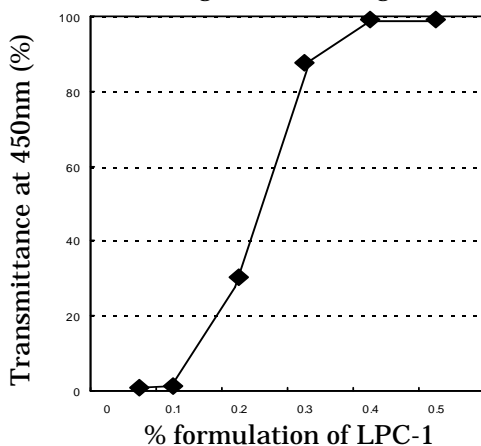
solvent \ concentration	temperature	1 %			5 %		
		25	40	60	25	40	60
Distilled water							
Propyleneglycol							
Dipropyleneglycol							
Conc . glycerin							
Liquid paraffin							
Ethanol							

:Completely dissolved (transparent) :Slightly cloudy :Cloudy with sediments in some cases

SOLUBILIZATION TEST RESULT

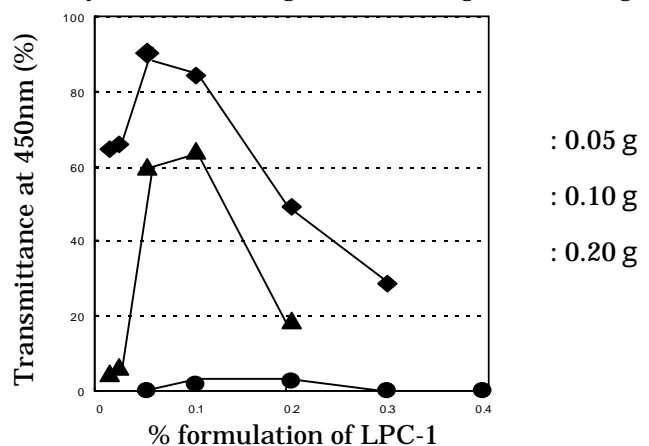
Limone 0.1%

(limonene 0.10g + ethanol 9.90g + water 90.0g)



-oryzanol 0.05 ~ 0.20%

(-oryzanol 0.05 ~ 0.20g + ethanol 9.95g + water 90.0g)



: 0.05 g
: 0.10 g
: 0.20 g

U S E

Emulsifier , solubilizer and moisturizer for skin lotions , facial creams and other cosmetics .

SPECIFICATIONS AND A TYPICAL ANALYSIS

	Specifications	Analysis
Acid Value	NMT 10	1
Saponification Value	150 ~ 200	195
Iodine Value	NMT 25	9
Solubility	Pass	Passed
Heavy Metals	NMT 20 ppm	NMT 20 ppm
Arsenic	NMT 2 ppm	NMT 2 ppm
Loss on Drying	NMT 3.0 %	1.7 %
Phosphorus	4.0 ~ 6.0 %	5.5 %

COMPOSITION

Ingredient Name	INCI Name	Composition
Egg Yolk Lysophosphatidylcholine	Lysolecithin	100 %

* This conforms to "Egg Yolk Lysophosphatidylcholine" in The Japanese Standards of Quasi-drug Ingredients.

STORAGE AND EXPIRY

Storage : Store below 10°C

Expiry : 1 year from the manufacturing date. (unopened, below 10 °C)

PACKING

100g (in aluminum pouch) × 1 ~ 10 = 1 carton



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