



EGG YOLK LECITHIN PC-98N

Egg Yolk Phosphatidylcholine

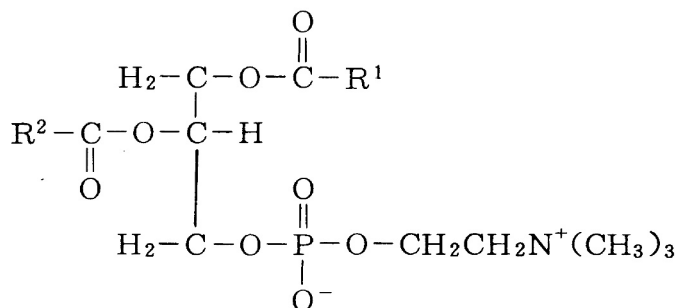
Kewpie Corporation

“EGG YOLK LECITHIN PC-98N” is a highly purified egg yolk lecithin made from fresh egg yolk. Phosphatidylcholine, a major ingredient of egg yolk phospholipids, is highly purified by Kewpie’s original extraction and refining technology under stringent process and product control .

It is suitable for wide range of pharmaceutical preparations including LIPOSOME.

EXCELLENT FEATURES OF EGG YOLK LECITHIN PC-98N

This is highly purified egg yolk lecithin with more than 98% of phosphatidylcholine made by eliminating phosphatidylethanolamine and reducing lysophosphatidylcholine contents .



The structure of Phosphatidylcholine

A TYPICAL COMPOSITION OF LIPIDS (by TLC/FID method)

Phosphatidylcholine	99.0 %
Phosphatidylethanolamine	< 0.1 %
Sphingomyelin	< 0.1 %
Lysophosphatidylcholine	< 0.1 %
Triglyceride	< 0.1 %
Cholesterol	0.9 %

A TYPICAL COMPOSITION OF FATTY ACIDS

C16-0	C16-1	C18-0	C18-1	C18-2	C20-4	C22-6	others
32.0 %	1.2 %	12.7 %	30.0 %	14.8 %	4.0 %	1.2 %	4.2 %

SPECIFICATIONS AND A TYPICAL ANALYSIS

	Specifications	Analysis
Acid Value	NMT 5	NMT 0.1
Iodine Value	50 ~ 70	61
Peroxide Value	NMT 1.0 meq/kg	0 meq/kg
Heavy Metals	NMT 10 ppm	NMT 10 ppm
Arsenic	NMT 2 ppm	NMT 2 ppm
Moisture	NMT 4.0 %	2.5 %
Phosphorus	3.6 ~ 4.0 %	3.9 %
Nitrogen	1.75 ~ 1.95 %	1.82 %
*Phosphatidylcholine	NLT 98.0 %	99.0 %
*Lysophosphatidylcholine	NMT 1.0 %	0.3 %
Aerobic plate counts	NMT 30 /g	NMT 1/g
Mold and Yeast	NMT 30 /g	NMT 1/g

* : by TLC-FID method

STORAGE AND EXPIRY

Storage : Store below -20°C

Expiry : 3 years from the manufacturing date. (unopened, below -20)

PACKING

1kg (in poly bag) × 1 ~ 5 = 1 can



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