



# EGG YOLK LECITHIN PL-100M

## Purified Yolk Lecithin

**Kewpie Corporation**

“ EGG YOLK LECITHIN PL-100M ” is a highly purified egg yolk lecithin produced from fresh egg yolk by Kewpie’s original extraction and refining technology under stringent process and product control .

It is suitable for wide range of pharmaceutical preparations including fat emulsion .

### EXCELLENT FEATURES OF EGG YOLK LECITHIN PL-100M

This is highly purified egg yolk lecithin extracted from fresh egg yolk and of 100% phospholipids .

Since the lipid composition of Egg Yolk Lecithin is similar to the one of human being and due to its high emulsifying properties, it is very suitable for use in intravenous fat emulsions as well as a variety of pharmaceutical preparations.

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

Phosphatidylcholine	80.0 %
Phosphatidylethanolamine	17.9 %
Sphingomyelin	< 0.1 %
Lysophosphatidylcholine	0.2 %
Triglyceride	< 0.1 %
Cholesterol	2.0 %

### A TYPICAL COMPOSITION OF FATTY ACIDS

C16-0	C16-1	C18-0	C18-1	C18-2	C20-4	C22-6	others
28.2 %	1.0 %	15.6 %	27.0 %	13.6 %	6.0 %	1.6 %	7.0 %

## SPECIFICATIONS AND A TYPICAL ANALYSIS

	Specifications	Analysis
Acid Value	NMT 25	15
Iodine Value	60 ~ 82	73
Heavy Metals	NMT 10 ppm	NMT 10 ppm
Arsenic	NMT 2 ppm	NMT 2 ppm
Water Content	NMT 4.0 %	1.4 %
Phosphorus	3.5 - 4.2 %	3.7 %
Nitrogen	1.6 - 2.0 %	1.8 %
*Phosphatidylcholine	NLT 70 %	79 %
*Lysophosphatidylcholine	NMT 3 %	1 %
Aerobic plate counts	NMT 30/g	NMT 1/g
Mold and Yeast	NMT 30/g	NMT 1/g
Endotoxin	NMT 10 EU/g	NMT 10 EU/g

\* : by TLC-FID method

## STORAGE AND EXPIRY

Storage : Store below -20°C

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

## PACKING

2kg (in poly bag) × 3 = 1 can



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