



EGG YOLK LECITHIN PL-100M

Purified Yolk Lecithin

Q.P. CORPORATION

Q.P. EGG YOLK LECITHIN PL-100M is high quality purified egg yolk lecithin extracted and refined from fresh chicken egg yolk by our original techniques using strict process and quality controls.

PL-100M has been used in the pharmaceutical industry for specific products such as intravenous fat emulsions, lipid microsphere, etc.

PL-100M meets the specifications for "Purified Yolk Lecithin" in JPE (Japanese Pharmaceutical Excipients) and is pyrogen free.

Our PL-100M can be applied in various kinds of pharmaceutical products.

CHARACTERISTICS

A highly purified Egg Yolk Lecithin composed of approximately 100 % of 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.

LIPID COMPOSITION (representative sample)

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

FATTY ACID COMPOSITION (representative sample)

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 RESULTS (representative sample)

	SPECIFICATIONS	RESULTS
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
PYROGEN	Meet JP.	Passed

*:By TLC-FID method

STORAGE AND EXPIRATION PERIOD

Storage : Store below - 20°C

Expiration period : 3 years from manufacturing date. (unopened, below - 20)

PACKING

1 kg × 1



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