



EGG YOLK LECITHIN PC-98N

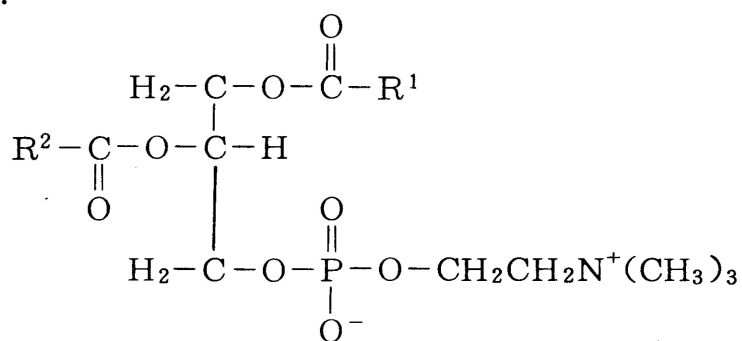
Egg Yolk Phosphatidylcholine

Q.P. CORPORATION

Q.P. EGG YOLK LECITHIN PC-98N is produced from fresh chicken egg yolk with original processing, extracting, and refining techniques under strict process and product controls.

This is a highly purified egg yolk lecithin containing more than 98 % of phosphatidylcholine that is the main component of egg yolk phospholipids.

This could be used widely for a lipid microsphere, a pharmaceutical preparation, and so on.



The structure of Phosphatidylcholine

LIPID COMPOSITION (representative sample)

Phosphatidylcholine	98.3 %
Phosphatidylethanolamine	< 0.1 %
Sphingomyelin	0.2 %
Lysophosphatidylcholine	0.4 %
Triglyceride	< 0.1 %
Cholesterol	1.1 %

FATTY ACID COMPOSITION (representative sample)

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 RESULTS (representative sample)

	SPECIFICATIONS	RESULTS
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 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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