



## TECHNICAL DATA SHEET

### 1.Product Name

Polyunsaturated Phosphatidylcholine (PPC)

Synonyms

Polyunsaturated Lecithin; Polyunsaturated Phosphatidyl Choline

### 2.Description

Polyunsaturated Phosphatidylcholine (PPC) is a highly purified phospholipid enriched in polyunsaturated fatty acid chains. It is widely used in pharmaceutical, nutraceutical, and biochemical applications due to its excellent emulsifying properties and biological compatibility.

### 3.Chemical Information

**Chemical Name:** Polyunsaturated Phosphatidylcholine

**Molecular Formula:** Variable (phospholipid mixture)

**CAS No.:** 97281-47-5 (commonly referenced)

**Appearance:** Light yellow to yellow powder or waxy solid

### 4.Typical Specifications

Item	Specification
Phosphatidylcholine (PC)	≥ 70.0%
Polyunsaturated Fatty Acids	≥ 50.0%
Loss on Drying	≤ 2.0%
Acid Value	≤ 35 mg KOH/g
Peroxide Value	≤ 5.0 meq/kg
Heavy Metals	≤ 10 ppm
Arsenic (As)	≤ 2 ppm

## **5.Solubility**

Soluble in ethanol, chloroform, and other organic solvents; insoluble in water.

## **6.Applications**

Pharmaceutical excipient

Liver-protection formulations

Nutritional supplement

Liposome and drug delivery systems

## **7.Storage & Handling**

Store in a cool, dry place, protected from light and heat. Keep container tightly closed.

## **8.Shelf Life**

24 months from the date of manufacture under recommended storage conditions.