



TECHNICAL DATA SHEET

Product Description

Egg Yolk Phosphatidylcholine (PC80) is a premium, injection-grade phospholipid extracted from natural egg yolk. It appears as a fine light yellow powder with excellent solubility in ethanol and slight solubility in water. Designed for advanced pharmaceutical applications, PC content $\geq 80\%$ provides high bioavailability and stable performance in injectable formulations.

Chemical & Physical Properties

Appearance: Light yellow fine powder

Odor: Characteristic, mild

PC Content: $\geq 80\%$

Solubility: Soluble in ethanol, slightly soluble in water

Density: 1.06 g/cm³

Melting Point: 52 – 55 ° C

Moisture: $\leq 3\%$

Specifications

Parameter	Specification
PC content	$\geq 80\%$
Moisture	$\leq 3\%$
Acid value	≤ 5 mg KOH/g
Peroxide value	≤ 5 meq/kg
Heavy Metals (Pb, As, Cd, Hg)	≤ 10 ppm
Appearance	Light yellow fine powder

Parameter

Specification

Odor

Characteristic

Applications

Pharmaceutical excipient for injectable formulations

Lipid-based drug delivery systems

Nutraceuticals and functional foods

Parenteral emulsions and formulation carriers

Advantages

High PC content ($\geq 80\%$) for improved formulation stability

Easy to handle light yellow powder

Natural egg yolk source ensures excellent biocompatibility

Free COA, TDS, and MSDS available for download

Packaging & Storage

Standard packing: 25 kg/drum; customizable on request

Store in a cool, dry environment away from direct sunlight

Shelf life: 24 months

Regulatory Status

Compliant with pharmaceutical excipient standards

Suitable for injectable and nutraceutical applications

Free downloadable COA, TDS, and MSDS

Non-GMO, safe and food/pharma compliant