



## TECHNICAL DATA SHEET

### Product Description

Egg Yolk Phosphatidylcholine (PC70) is a high-quality, 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. This product is designed for pharmaceutical applications, particularly as an excipient in injectable formulations. PC content  $\geq 70\%$  ensures consistent performance and bioavailability.

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### Chemical & Physical Properties

Appearance: Light yellow fine powder

Odor: Characteristic, mild

PC Content:  $\geq 70\%$

Solubility: Soluble in ethanol, slightly soluble in water

Density: 1.06 g/cm<sup>3</sup>

Melting Point: 52 – 55 ° C

Moisture:  $\leq 3\%$

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### Specifications

Parameter	Specification
PC content	$\geq 70\%$
Moisture	$\leq 3\%$
Acid value	$\leq 5$ mg KOH/g
Peroxide value	$\leq 5$ meq/kg
Heavy Metals (Pb, As, Cd, Hg)	$\leq 10$ ppm
Appearance	Light yellow fine powder

Parameter

Specification

Odor

Characteristic

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## **Applications**

Pharmaceutical excipient for injectable formulations

Nutraceuticals and functional food applications

Lipid-based delivery systems

Emulsification in parenteral preparations

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## **Advantages**

High PC content ( $\geq 70\%$ ) ensures consistent pharmaceutical performance

Light yellow powder, easy to handle and incorporate into formulations

Natural egg yolk source, high biocompatibility

Free COA, TDS, and MSDS available for download

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## **Packaging & Storage**

Packed in 25 kg/drum or customized packaging upon request

Store in a cool, dry place, away from direct sunlight

Shelf life: 24 months

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## **Regulatory Status**

Complies with pharmaceutical excipient standards

Suitable for injectable applications

Free COA, TDS, and MSDS downloadable

Non-GMO, food and pharmaceutical compliant