



TECHNICAL DATA SHEET

Product Description

Egg Yolk Phosphatidylcholine (PC90) is a high-purity, injection-grade phospholipid extracted from natural egg yolk. It is a fine light yellow powder with excellent solubility in ethanol and slight solubility in water. With PC content $\geq 90\%$, it provides premium bioavailability and consistent performance for high-end pharmaceutical injectable formulations.

Chemical & Physical Properties

Appearance: Light yellow fine powder

Odor: Characteristic, mild

PC Content: $\geq 90\%$

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	$\geq 90\%$
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
Odor	Characteristic

Applications

Pharmaceutical excipient for injectable formulations

High-purity lipid delivery systems

Nutraceuticals, functional foods, and parenteral emulsion

Advanced formulation carriers for bioactive compounds

Advantages

Very high PC content ($\geq 90\%$) for premium pharmaceutical performance

Easy to handle light yellow powder

Derived from natural egg yolk, ensuring biocompatibility and safety

Free COA, TDS, and MSDS available for download

Packaging & Storage

Packed in 25 kg/drum or per customer requirements

Store in cool, dry place away from sunlight

Shelf life: 24 months

Regulatory Status

Compliant with pharmaceutical excipient standards

Suitable for injectable, nutraceutical, and high-end pharmaceutical applications

Free downloadable COA, TDS, and MSDS

Non-GMO, food/pharma compliant, not classified as hazardous