JIANGSU KHONOR CHEMICALS CO.,LIMITED

TECHNICAL DATA SHEET

Product Name: Phosphatidylethanolamine (PE) – Soy-derived
CAS No.: 97281-51-1
Type: Soy-derived Phosphatidylethanolamine, ≥70% PE content

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1. Product Description

Phosphatidylethanolamine (PE) is a natural phospholipid extracted from soybean.
It is widely used in food, pharmaceutical, cosmetic, and research applications due to its **excellent emulsifying, dispersing, and stabilizing properties**.

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2. Chemical & Physical Properties

Chemical Name: Phosphatidylethanolamine

Abbreviation: PE

Appearance: Light yellow to yellow powder or granules

Odor: Mild, characteristic

Solubility: Dispersible in water; soluble in oils and organic solvents

Stability: Stable under recommended storage conditions

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3. Typical Specifications

Item	Specification
Phosphatidylethanolamine (PE)	≥ 70.0%
Appearance	Light yellow to yellow powder

Item	Specification
Loss on Drying	≤ 2.0%
Acid Value	≤ 35 mg KOH/g
Peroxide Value	≤ 10 meq O_2/kg
Heavy Metals (as Pb)	≤ 10 ppm

Detailed batch-specific data are provided in the COA.

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4. Applications

Food & Nutrition: functional ingredient, emulsifier, stabilizer

Pharmaceutical: excipient in formulations, lipid-based delivery systems

Cosmetics: emulsion stabilization, skin-conditioning agent

Biochemical & Research: liposome preparation, membrane studies

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5. Advantages

Natural, high-purity phospholipid
Excellent emulsifying and dispersing properties
Consistent batch quality
Broad application compatibility
Technical support available

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6. Packaging & Storage

Packaging: 10 kg or 20 kg fiber drums with double PE inner liners

Storage: Cool, dry place, protected from light & moisture

Shelf Life: 24 months under recommended storage conditions

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7. Regulatory Status & Documentation

Supplied as raw material for industrial, food, pharmaceutical, and research applications

Documents available for download: COA, TDS, MSDS/SDS

Regulatory compliance information can be provided according to destination market