

## TECHNICAL DATA SHEET

# Phosphatidylcholine Powder

## 22%

### Chemical Properties

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CAS NO.: 8002-43-5

Molecular Formula: Unspecified

### Description

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Phosphatidylcholine (sometimes abbreviated as PC) is a class of phospholipids that incorporate choline as a headgroup. The two fatty acids chain in the phosphatidylcholine molecule differs if the phosphatidylcholine is extracted from different plants. Phosphatidylcholine is a major component of biological membranes and can be isolated from soy beans.

### Solubility

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Dispersible in water, soluble in fats/oils.

### Specifications

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Item	Specification	Test Method
Appearance	Powder	Visual
Color	Yellow	Visual
Acetone insoluble material	Min 95%	GB28401-2012
Hexane insoluble material	Max 0.5%	GB28401-2012
Phosphatidylcholine	Min 22%	In-house
Solubility	Dispersible in water, soluble in fats/oils	In-house
Loss on drying	Max 2.0%	GB 5009.3
Acid value	Max 36 mg(KOH)/g	GB28401-2012
Peroxide Value	Max 10meq/kg	GB28401-2012
Heavy Metals	Max 10.0ppm	GB/T 5009.74
Arsenic	Max 1.0ppm	GB/T 5009.11

### Ingredients

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The product contains Min 95% Total phospholipids with Min 22% Phosphatidylcholines.

### Labeling

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In the United States and the European Union: Phosphatidylcholine Powder

### Functions

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1) It can delay senility;

- 2) It can reduce high blood fat and cholesterol, prevent cardiovascular and cerebrovascular diseases;
- 3) It can improve the brain and prevent senile dementia;
- 4) It can enhance liver cell metabolism, promote fat degradation, protect the liver, prevent fatty liver disease occurs.

## Applications

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It can be used in food additives, health food and pharmaceutical products.

## Safety

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This product is safe for the intended use. Avoid ingestion, inhalation of dust or direct contact by applying suitable protective measures and personal hygiene. See Material Safety Data Sheet for full safety information.

## Handling recommendations

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Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.

## Packaging, Storage & Shelf Life

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Package	20kg/carton; or according to customers' requirements.
Storage	Stored in a well-closed container with room temperature and without moisture and sunlight, frozen will be better.
Shelf life	12 months if sealed and stored properly. Use out ASAP after opening.