

TECHNICAL DATA SHEET

Phosphatidylcholine Powder

20%

Chemical Properties

Source: Sunflower

CAS NO.: 8002-43-5

Molecular Formula: Unspecified

Description

Phosphatidylcholine (sometimes abbreviated as PC) is a class of phospholipids that incorporate choline as a head group. The two fatty acid chains in the phosphatidylcholine molecule differ if the phosphatidylcholine is extracted from different plants. Phosphatidylcholine is a major component of biological membranes and can be isolated from sunflower.

Solubility

Dispersible in water, soluble in fats/oils.

Specifications

Item	Specification	Test Method
Appearance	Yellow or brown powder	Visual
Acetone insoluble	Min 96.0%	GB28401-2012
Hexane insoluble	Max 0.3%	GB28401-2012
Phosphatidylcholine	Min 20.0%	GB28401-2012
Loss on drying	Max 2.0%	GB 5009.3
Acid value	Max 36 mg(KOH)/g	GB28401-2012
Peroxide Value	Max 10 meq/kg	GB28401-2012
Heavy Metals	Max 10.0 ppm	GB/T 5009.74
Arsenic	Max 1.0 ppm	GB/T 5009.11

Ingredients

The product contains Min 96% Total phospholipids with Min 20% Phosphatidylcholines.

Labeling

In the United States and the European Union: Phosphatidylcholine Powder

Functions

- 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

It can be applied to the food field.

Safety

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

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

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.