

SPECIFICATION

Product Name: Soya Lecithin Powder
Chemical Formula: C42H80NO8P
CAS Number: 8002-43-5
Molecular Weight: 780.0 g/mol
Appearance: Creamish yellow powder
Odor: Odorless

Chemical Composition

Parameter	Unit	Typical Value	Specifications Min./Max.
Acetone insoluble	%	97.08%	Min. 97%
Acid value	mg KOH/g	27.18 mg KOH/g	Max. 35 mg KOH/g
Moisture	%	0.52%	Max. 1.5%
Peroxide value	meqO2/Kg	0.32 meqO2/Kg	Max. 0.5 meqO2/Kg
Hexane insoluble	%	0.24%	Max. 0.30%

Microbiological Analysis:

Total Plate Count	cfu/g	160 cfu/g	Max. 1000 cfu/g
Salmonella	-	Negative	Negative
E. coli	-	Absent	Absent
Coliforms	-	Absent	Absent
Yeast & Moulds	cfu/g	64 cfu/g	Max. 100 cfu/g

Physical Properties

- Solubility: Insoluble in water. Soluble in ethanol. Insoluble in acetone. Soluble in ether. Soluble in chloroform.

Shelf Life & Storage

- Shelf Life: 2 years from date of manufacture under recommended storage.
- Storage Conditions: Store in a tightly closed, moisture-resistant container in a cool, dry, and well-ventilated place, protected from moisture, heat, direct sunlight, and contamination.

Applications

- Use: Widely used in as an emulsifier, dispersing agent, stabilizer, wetting agent, instantizing agent, and release agent in the food, beverage, nutraceutical, pharmaceutical, cosmetic, and animal nutrition industries.
- Dosage: Depends on Desired emulsification, Product formulation, Fat and oil content, Processing conditions, Regulatory requirements.

Packaging

- Standard Packing: 25 Kgs pp bag with inner liner or as per customer requirement.
 - Labeling: Product name, batch number, net weight, manufacture date, expiry date, and manufacturer details.
- * Specifications are based on the manufacturer's provided specifications.