

AmiLife® Hydrolyzed / Soya Lyso Lecithin Powder – Feed Grade

PRODUCT APPLICATION | FUNCTION

AmiLife® Hydrolyzed / Soya Lyso Lecithin Powder – Feed Grade is typically used as a feed additive in animal nutrition, especially in poultry, swine, and aquaculture. The combination of soya lysolecithin and silica provides several benefits for animal feed applications:

Applications & Benefits in Animal Feed:

- 1.Improved Fat Digestion & Absorption:** Soya lysolecithin (a hydrolyzed form of lecithin) enhances fat emulsification and digestion, leading to better energy utilization. Helps young animals (like chicks or piglets) digest fats more efficiently.
- 2.Enhanced Feed Efficiency:** Improves nutrient absorption, reducing feed costs while maintaining or improving growth performance.
- 3.Better Gut Health & Immunity:** Supports intestinal health by improving lipid metabolism. May contribute to better gut microflora balance.
- 4.Silica as a Flow Agent & Anti-Caking:** Silica prevents clumping in feed, improving handling and mixing. Enhances the stability of fat-soluble nutrients.
- 5.Supports Growth & Performance:** Increases weight gain and feed conversion ratio (FCR) in poultry and livestock.

Recommended Usage: Typically added at 0.5% to 2% of the total feed formulation. Exact dosage depends on the species, age, and diet formulation.

PRODUCT PHYSICAL SPECIFICATION

Parameter	Specification	Test Method
Appearance	Light Reddish to Brown	Visual
Odor	Typical Soya	Organoleptic

PRODUCT TYPICAL/CHEMICAL SPECIFICATION

Parameter	Specification
Acid Value	35 mg KOH/g Max.
Moisture	1.5 % Max.
Peroxide Value	5 meq O ₂ /Kg Max.
Acetone Insoluble	75 % Max
Lyso Phosphatidyl Choline (LPC)	5 % Max.
Lyso Phospholipids (LPL)	8 % Max.

PRODUCT MICROBIOLOGICAL PARAMETERS

Parameter	Specification
Total Plate count	Max. 5000 CFU/g.
Salmonella	Negative / 25 gm.
E. Coli	Absent CFU/g.
Entrobacteriaceae	<10 CFU/g.
Coliforms	<10 CFU/g.
Yeast & Mould	Max. 100 CFU/g.

SHELF LIFE

AmiLife® Soya Lyso Lecithin Powder with Silica when it is stored at controlled Temperature 16-32 Deg C, The Self Life is 24 months in unopened packing.

PACKING

20 kgs LDPE Liner with Paper bag

