

**TECHNICAL DATA SHEET****INDIAN ORIGIN**

Product : Sunflower Lecithin Liquid Hydrolyzed Non Gmo

**PRODUCT DESCRIPTION**

Hydrolyzed sunflower lecithin produced using phospholipase A1 from world leader Novozymes. It has a high HLB (Hydrophilic-Lipophilic Balance) rating, making it more water-soluble than powder lecithins.

**PRODUCT CHEMICAL ANALYSIS**

Parameter	Specification	Method Of Analysis
Acetone Insoluble %	Min. 56 %	AOCS Ja 4-46
Moisture %	Max 1 %	AOCS Ja 2b-87
Viscosity (25 C)	Max 120 Poise	Brookfield Ja 10-87
Acid Value	Max 45 mgKOH/g	AOCS Ja 6-55
Colour	Max 14	AOCS Ja 9-87
Peroxide Value	Max 5 meq O <sub>2</sub> /Kg	AOCS Ja 8-87
Hexance / Toluene Insoluble	Max 0.30 %	AOCS Ja 3-87

**PRODUCT MICROBIOLOGICAL ANALYSIS**

Parameter	Specification	Method Of Analysis
Total Plate Count	Max 1000 cfu/g	ISO 4233
Enterobacteriaceae	< 10 cfu/g	ISO 21528-1
Coliforms	< 10 cfu/g	ISO 4832
E. Coli	Absent / g	ISO 16649
Yeast & Moulds	< 100 cfu/g	ISO 7954
Salmonellae	Absent / 25 g	ISO 6579

## PRODUCT Heavy Metals

Parameter	Specification	Method Of Analysis
As (Arsenic)	Max 3 mg/kg	AOAC 986.15
Pb (Lead)	Max 2 mg/kg	AOAC 986.15
Hg (Mercury)	Max 1 mg/kg	AOAC 988.11
Heavy Metals	Max 10 mg/kg	AOAC

### SHELF LIFE

Sunflower Hydrolyzed Lecithin has minimum 24 Months from date of manufacture if retained in original packing away from direct sunlight, moisture and air. Recommended storage at ambient temperature ( 16-32 C ). Storage below 16 C may cause separation of Oil.

### PACKAGING

Bulk - isotank, 20' container with flexi bag.  
IBC - 1000 kg.  
Barrels - 240, 220, 200 kg.  
Canisters (buckets) - 25 kg.  
Delivery FOB Mumbai (or other Indian port at buyer's option).  
Delivery - CIF port at buyer's option.  
For inquiries, please contact us.

---

**Factory Address :Survey No. 23/1 Part B Walki, TA : Nandgaon Khandeshwer**

**City : Amravati 444708 State : Maharashtra, Country : INDIA.**

Mail Id :

Russia: [enestrel@yahoo.com](mailto:enestrel@yahoo.com)

India: [info@shivabiochemindustries.com](mailto:info@shivabiochemindustries.com)

Website: [lecithinpro.com](http://lecithinpro.com)

Phone :  
Russia:  
+7 (918) 554-27-72  
India:  
+91 - 8983300085