

Name Of Document	Specification of AmiLife® Sunflower Transparent Lecithin Liquid			Doc No	AAPPL/SUN/SFL/TRAN/SPE/02
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AmiLife® Sunflower Transparent Lecithin Liquid

PRODUCT APPLICATION | FUNCTION

AmiLife® Sunflower Transparent Lecithin Liquid is a multi-functional natural additive for Food, Cosmetics, Pharmaceuticals, and Healthcare. It acts as an emulsifier, wetting, dispersing, and stabilizing agent, among other properties like antioxidant and conditioning.

PRODUCT PHYSICAL SPECIFICATION

Parameter	Specification	Test Method
Color	Light yellow to Light Brown brown	AAPPL/ SOP/02
Appearance	Semi Liquid/Viscous Syrup	AAPPL/ SOP/03
Odor	Typical Predominantly Sunflower	AAPPL/ SOP/04
Flavor	Typical Predominantly Sunflower	AAPPL/ SOP/06

PRODUCT TYPICAL/CHEMICAL SPECIFICATION

Moisture/Loss On Drying	1 % Max	IS 5055: 1996 (RA:2020)
Acetone Insoluble	60%Min	AOCS JA 4-46
Peroxide Value	5 Meq O2/Kg Max	AOCS JA 8-87
Acid	35 mgKOH/g Max	AOCS JA 6-55
Hexane Insoluble	0.30% Max	AOCS JA 3-87
Toluene Insoluble	0.30% Max	AOCS JA 3-87
Gardner color	Max. 10 units	AOCS JA 9-87
Viscosity at 25 C	Max. 120 Poise	AOCS JA 10-87

PRODUCT MICROBIOLOGICAL PARAMETERS

Total Plate count	Max. 3000 cfu/g	IS 5402
Salmonella	Absent / 25 gm	IS 5887 Part 3
E. Coli	Absent /gm	IS 14397
Enterobacteriaceae	<10 cfu/gms	ISO 21528
Coliforms	<10 cfu/gms	IS 5401 Part 1&2
Yeast & Mould	Max. 100 cfu/gms	IS 5403

SHELF LIFE

Minimum shelf life of 24 months from the date of manufacture if retained in its original packing, away from direct sunlight, moisture, and air. Recommended storage is at ambient temperature (16–32°C).

PACKING

200, 240, and 250 Kg MS/HDPE barrels, 1000 Kg IBCs, and bulk quantities in ISO Tank Containers or Flexi Tanks.

