

PRODUCT DESCRIPTION

UNILEC-OSFL is 100% organic Sunflower Lecithin, its viscous, brown to dark brown liquid, mixture of phospholipids in a free flowing liquid derived from organic sunflower seeds harvested & cultivated through organic farming without using most conventional pesticides, herbicides & fungicide. .

PRODUCT APPLICATION

UNILEC-OSFL is invaluable organic emulsifier, stabilizer and preservative, it is a natural product has high nutritive value, emulsifying ability, easily digestive, useful for various kinds of organic foods such as margarines, baked goods, chocolates, ice creams, non-stick cooking sprays, biscuits, salad dressing, sauces and gravies. The benefits of organic lecithin are used throughout several organic industries from food, bakery, confectionery and cosmetics to pharma applications.

PRODUCT PHYSICAL ANALYSIS

Parameter	Specification	Method of Analysis
Appearance	Dark brown viscous liquid	Visual
Acetone Insoluble %	Min. 60%	AOCS Ja 4-46
Moisture %	Max 1 %	AOCS Ja 2b-37
Viscosity (25 C)	Max 150 Poise (15 Pas)	Brookfield Ja 10-87
Acid Value	Max 35 mgKOH/g	AOCS Ja 6-55
Colour Gardner	Max 18	AOCS Ja 9-87
Peroxide Value	Max 5 meq O ₂ /Kg	AOCS Ja 8-87
Hexane/Toluene Insoluble	Max 0.30 %	AOCS Ja 3-87

PRODUCT MICROBIOLOGICAL ANALYSIS

Parameter	Specification	Method of Analysis
Total Plate Counts	Max 3000 cfu/g (LOD < 10 cfu/g)	ISO 4833
Enterobacteriaceae	Absent/g (LOD < 10 cfu/g)	ISO 21528-1
Coliforms	Absent/g (LOD < 10 cfu/g)	ISO 4832
E. Coli	Absent/g (LOD < 10 cfu/g)	ISO 16649
Yeast & Moulds	< 100 cfu/g (LOD < 10 cfu/g)	ISO 7954
Salmonellae	Absent/ 25g	ISO 6579

REGULATIONS

UNILEC-OSFL conforms to EU regulations 1829/2003 & 1830/2003 free from GMO-declaration & traceability, COMMISSION REGULATION (EC) No 889/2008 & Council Regulation (EC) No 834/2007 for organic production, Commission Regulation (EU) No 231/2012 for specification.

SHELF LIFE

UNILEC-OSFL has minimum 18 months from the date of manufacture if retained in original packing away from direct sunlight and air. Recommended Storage at ambient temperature (16-32 °C) . Storage below 16 °C may cause separation of oil.

PACKAGING

1000 Kg IBCs, 200 Kg Drum

Products are exclusively produced from organic sunflower seeds, every batch in analysed for GMO content. These values are typical. Seasonal deviations may occur. All recommendations as well as formulations made herein are based on third party data believed to be reliable.