

TECHNICAL DATA SHEET

SOY LECITHIN LIQUID

Description: Liquid soy lecithin NON genetically modified consist in a mixture of polar phospholipids- and glycolipids lipids and a small amount of carbohydrates, with a typical predominantly soya taste.

Country of Origin

India

Physical Characteristics:

Parameter	Method	Typical	Frequency
Odour	Organoleptic	Typical Predominantly Soy	Each batch
Appearance	Visually	Viscous Liquid	Each batch
Color	Visually	Golden yellow to Brown	Each batch

Specifications

Chemical/physical

Parameter	Method	Unit	Min	Max	Frequency
Acetone Insolubles	AOCs Ia 4-46	%	62	--	Each batch
Moisture	AOCs Ia 2b-87	%	--	1.5	Each batch
Hexane Insolubles	AOCs Ia 3-87	%	--	0.3	Each batch
Toluene Insoluble	ISO 28198:2018	%	--	0.3	Each batch
Peroxide Value	AOCs Ia8-87	meq O2/kg	--	10	Each batch
Acid Value	AOCs Ia6-55	mg KOH/gm	--	35	Each batch
Color Gardner (10% w/v Toluene Solution)	AOCs Ia9-87	--	--	12	Each batch
Viscosity at 25 Degree C	AOCs Ia10-87	Poise	80	120	Each batch
Phosphatidylcholine	31P NMR	%	11	14	Annually

Microbiological specifications

Parameter	Method	Unit	Min	Max	Frequency
Total plate count	ISO 4833-1:2013	CFU/g	--	1000	Each batch
Yeast & Mould	ISO 21527-2:2008	CFU/g	--	100	Each batch
Coliforms	ISO 4831:2006	In 1 g	Absent	--	Each batch
Enterobacteriaceae	ISO 21528.1:2017	In 1 g	Absent	--	Each batch
E. coli	ISO 7251:2005	In 1 g	Absent	--	Each batch
Salmonella	ISO 6579-1:2017	In 375 g	Absent	--	Each batch

Raw Material

Soya Lecithin (E322)

Allergen information*

Heavy Metals

Parameter	Method	Unit	Min	Max	Frequency
Lead	AOAC 2015.01	ppm	--	2	Annually
Cadmium	AOAC 2015.01	ppm	--	2	Annually
Arsenic	AOAC 2015.01	ppm	--	3	Annually
Mercury	AOAC 2015.01	ppm	--	1	Annually

Allergen	Presence	Frequency
Cereals containing gluten	No	Not applicable
Crustaceans and products thereof	No	Not applicable
Eggs and products thereof	No	Not applicable
Fish and products thereof	No	Not applicable
Peanuts and products thereof	No	Each batch
Soybeans and products thereof	Yes	Not applicable
Milk and products thereof	No	Not applicable
Nuts and products thereof	No	Not applicable
Celery and products thereof	No	Not applicable
Mustard and products thereof	No	Each batch
Sesame seeds and products thereof	No	Not applicable
Sulphur dioxide and sulphites at concentrations of more than 10mg/kg or 10mg/L expressed as SO2	No	Not applicable
Molluscs and products thereof	No	Not applicable
Lupins and products thereof	No	Not applicable

* The above list of allergens is in accordance with European Regulation (EU) 1169/2011

Pesticides:

Parameter	Method	Typical	Frequency
Pesticides	GC/MS / LC/MS	As per regulations	Annually

PAH 4:

Parameter	Method	Typical	Frequency
PAH 4	GC-MS	Benzo(a)pyrene < 2 ppb OR Sum PAH 4 < 10 ppb	Annually

Dioxins:

Parameter	Method	Typical	Frequency
Dioxins	GC-MS	As per regulations	Annually

Sum of Dioxins and Dioxin like PCB's:

Parameter	Method	Typical	Frequency
Sum of Dioxins and Dioxin like PCB's	GC-MS	As per regulations	Annually

Dioxin like PCB's:

Parameter	Method	Typical	Frequency
Dioxin like PCB's	GC-MS	As per regulations	Annually