

Document—Specification 402.3

Date 01-01-2020

SPECIFICATION

MATERIAL NO- 300000003

PRODUCT- Indian Non GMO Soya Lecithin Liquid Light Colour

SHELF LIFE--- 18 Months

Parameters	Specification	Test Method	Frequency
SENSORY PARAMETERS			
Characteristics	100% Pure soya lecithin (non modified non fractioned)		
Colour	Light Brown to yellow	Sensory test	Every Batch
Texture	Viscous liquid without foreign particles	Sensory test	Every Batch
Odour	Typical Predominantly Soya	Sensory test	Every Batch
Flavour	Pure typical flavour of Soya (Not acidulous or rancid), without bitter note	Sensory test	Every Batch
PHYSICAL AND CHEMICAL PARAMETERS			
Gardner Colour	Max. 11 (10% solution in toluene)	Gardner Scale	Every Batch
Moisture	Max. 1 %	AOCS Ja 2b-87	Every Batch
Acid Value	Max. 30 mg KOH / g	AOCS Ja 6-55	Every Batch
Peroxide Value	Max. 5 meq O ₂ / Kg	AOCS Ja 8-87	Every Batch
Acetone Insoluble	Min. 62 %	AOCS Ja 4-46	Every Batch
Hexane Insoluble	Max. 0.30 %	AOCS Ja 3-87	Every Batch
Toluene Insoluble	Max. 0.30 %	AOCS Ja 3-87	Every Batch
Viscosity	8 – 12 PAS at 25 C	AOCS Ja 10-87	Every Batch
MICROBIOLOGICAL PARAMETERS			
Total plate count	Max. 1000 cfu / g	ISO: 4833	Every Batch
Yeasts	Max. 10 cfu / g	ISO : 21527-1	Every Batch
Moulds	Max. 10 cfu / g	ISO : 21527-1	Every Batch
Enterobacteriaceae	Absent / g	ISO:21528-2	Every Batch
Coliforms	Absent / g	ISO : 4832	Every Batch
E.Coli	Absent / 10 g	ISO : 16649-2	Every Batch
Salmonella	Negative / 250 g	ISO : 6579	Every Batch
Bacillus Cereus	Max. 10 cfu / g	External Laboratory	10 th Batch
Staphylococcus Aureus	Max. 10 cfu / g	External Laboratory	10 th Batch
Coagulase-positive staphylococci	Max. 10 cfu / g	External Laboratory	10 th Batch

Assistant Manager (QC)

Approved by Vice President

Date – 01-01-2020

Page 1 of 2



Document—Specification 402.3

Date 01-01-2020

SPECIFICATION

MATERIAL NO- 300000003

PRODUCT- Indian Non GMO Soya Lecithin Liquid Light Colour

SHELF LIFE--- 18 Months

Parameters	Specification	Test Method	Frequency
GMO PARAMETER			
35 S Promoter Qualitative	Max. 0.1%	PCR from Genetic ID	Every Batch
t-NOS (NOS Terminator) Qualitative			
Fig Mosaic Virus Promoter Qualitative			
Cotton Reference Gene			
Soy BPS-CV-127-9 Qualitative			
CONTAMINANTS			
BHA and BHT	Absent	External Laboratory	Twice in a year
Dioxins (PCDD/F-TEQ)	Max. 0.75 ng / Kg	External Laboratory	Twice in a year
Total PCB, µg/kg (Σ28:52:101:118:138:153:180)	Max. 40 ng/ g (In fat)	External Laboratory	Twice in a year
Organic Solvent Hexane	Max. 1 ppm	External Laboratory	Twice in a year
Lead Pb	Max. 0.1 ppm	External Laboratory	Twice in a year
Cadmium Cd	Max. 0.05 ppm	External Laboratory	Twice in a year
Mercury Hg	Max. 0.03 ppm	External Laboratory	Twice in a year
Chromium Cr	Max. 2 ppm	External Laboratory	Twice in a year
Arsenic As	Max. 0.1 ppm	External Laboratory	Twice in a year
Copper Cu	Max. 15 ppm	External Laboratory	Twice in a year
Zinc Zn	Max. 40 ppm	External Laboratory	Twice in a year
PESTICIDES			
Pesticides	Conform to EU regulation	External Laboratory	Twice in a year

Storage condition- Store in dry, cool and infestation free place.

Packaging - 1 MT IBC, 200 / 250 Kg Drum, 24 MT ISO Tank.

Assistant Manager (QC)

Approved by Vice President

Date – 01-01-2020

Page 2 of 2