Product Specifications

Soya Lecithin Liquid Standard (non-GMO)
Phosphatidylcholine

Description:
Substance name: Lecithin E322
CAS number: 8002-43-5
EC number: 232-307-2
Molecular formula: C_{36}H_{72}NO_{8}P
Molecular weight: 677.93 g/mol
Origin: India

Definition:
Soya Lecithin is a food additive generally used as emulsifier. It is 100% pure soya lecithin, non modified, non fractioned.

Specifications:

- Analytical quality:
  Appearance
  Brown to dark brown, viscous liquid without foreign particles
  Odour
  Typical, predominantly soya
  Flavour
  Pure, typical flavour of soya, not acidulous or rancid without bitter note
  Gardner colour
  Max. 14 max. unit
  Acid value
  Max. 30 mg KOH/g
  Viscosity
  8 – 12 Pa.s at 25°C
  Moisture
  Max. 1 %
  Peroxide value
  Max. 5 meq O_2/kg
  Toluene insoluble
  Max. 0.3 %
  Hexane insoluble
  Max. 0.3 %
  Acetone insoluble matter
  Min. 62 % (0 – 5°C)

- Microbiology:
  Total Plate Count
  < 5000 cfu/g
  Yeasts
  < 10 cfu/g
  Moulds
  < 10 cfu/g
  Bacillus cereus
  < 10 cfu/g
  Staphylococcus aureus
  < 10 cfu/g
  Total Coliforms
  absence in 1g
  Enterobacteriaceae
  absence in 1g
  E.Coli
  absence in 10g
  Salmonella
  absence in 25g

- Heavy metals:
  Lead
  < 100 ppb
  Cadmium
  < 25 ppb
  Mercury
  < 10 ppb
  Arsenic
  < 10 ppb
  Chromium
  < 25 ppb
  Copper
  < 20 ppm
  Zinc
  < 40 ppm
Sum of Cu and Zn < 50 ppm

- Contaminants:
  GMO content* Max. 0.3 % contamination
  BHA and BHT absence
  Dioxins (PCDD/F - TEQ) < 0.5 ppt
  Total PCB < 40 µg/kg (in the fat)
  Organochlorinated hydrocarbons < 10 ppb
  Hexane < 10 ppb
  Aromatic hydrocarbons < 25 ppb

These data do not constitute any warranty other than conformity of the product to specifications provided by supplier.
*GMO content is analyzed on each batch by Genetic ID Augsburg with a sensitivity of 0.01%. Sample: 1000g of beans.

Packaging, Storage and Shelf life:

25 kg kegs
200 kg MS drums, 200 kg HDPE drums
250 kg HDPE drums
1,000 kg IBC
24,000 kg Flexitank, 24,000 kg Isotank, 24,000 kg TankCar.
To be stored at ambient temperature.
18 months from manufacture.