

TECHNICAL SPECIFICATION



LECITHIN

1. Basic Information

Product Name	Lecithin
Structural Formula	
Molecular Formula	C ₄₂ H ₈₀ NO ₈ P
CAS No.	8002-43-5
EC No.	232-307-2

2. Specifications

Specifications	Non GM Soya Lecithin Liquid	Powder Soya Lecithin
Phosphorous		2.50% min
Iodine Value		85 max
Bulk Density		0.50-0.55 Gm/CuCm
Ash		8.5% max
Colour	Yellow-brown	Light to medium tan
Appearance	Semi liquid, Viscon Syrup	Powder
Odour	Typical Predominantly Soya	
Taste	Characteristics of soybean	
Acid Value	Max 30 mg. KOH/g	Max 35 mg.KOH/g
Acetone Insoluble	62% min	97.0% min
Hexane Insoluble	0.3% max	0.5% max
Peroxide Value	Max 3.0 meq/kg	Max 5.0 Meq/Kg
Colour	60 ICV max	
Arsenic	3 ppm	
Moisture	0.8% max	1.0% max
Nitrogen		0.70 % min
Viscosity	Max 120 (poise) at 25°C	
Specific Gravity	1.040 +/- 0.005 at 25°C	

3. Microbiological Data

Total Plate Count	Max 500	Max 5000 cells/gm
Coliform	10 cfu/gm max	Max 10/gm
E. coli	Nil	Nil
Salmonella	Absent in 25 gm	Nil 25 gm
Yeast & Mould	100 cfu/gm	Max 100 cells/gm

4. Additional Information

N/A
