

PRODUCT DESCRIPTION

Phosphatidyl Choline – 35, is a reddish brown viscous liquid and compound of fractionated lecithin and soybean oil with enriched phosphatidyl choline content. It is a mixture of Non polar (triglycerides) and polar (Phosphatides & Glyco) Lipids. .

PRODUCT APPLICATION

Phosphatidyl choline (PC) is used as a nutritional supplement. These versatile phospholipids are now recognized for its advantages to liver function as well as a nutrient for brain function. Phosphatidylcholine also maintain healthy cholesterol levels. Phosphatidyl choline (lecithin) is a good source of choline, a B vitamin. PC is a main component of cell membranes and is critical for brain and liver function. In the brain, PC is the precursor to acetylcholine, an important neuro-transmitter involved in cognition and motor coordination. In digestion, PC is part of the bile complex that emulsifies fats to facilitate the absorption of fats and fat-soluble nutrients

PRODUCT PHYSICAL ANALYSIS

Parameter	Specification	Method of Analysis
Acetone Insoluble %	Min. 50%	AOCS Ja 4-46
Phosphatidyl Choline	Min. 35%	AOCS Ja 7b-91
Moisture + Volatiles	Max 1 %	Loss on drying/Karl Fischer
Viscosity (25 C)	Max 120 Poise (12 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 O2/Kg	AOCS Ja 8-87
Hexane/ Toluene Insoluble	Max 0.3 %	AOCS Ja 3-87

PRODUCT MICROBIOLOGICAL ANALYSIS

Parameter	Specification	Method of Analysis
Total Plate Counts	Max 1000 cfu/g	ISO 4833
Coliforms	Absent/g	ISO 4832
E. Coli	Absent/g	ISO 16649
Yeast & Moulds	< 100 cfu/g	ISO 7954
Salmonellae	Absent/ 25g	ISO 6579

SHELF LIFE

UNILEC-SFL has minimum 18 months from the date of manufacture if retained in original packing away from direct sunlight, moisture and air. Recommended Storage at ambient temperature (16-32 °C) .

PACKAGING

ISO Bulk, 1000 Kg IBCs, 200 Kg Drum, 25 Kg Pails

Products are exclusively produced from NON GMO soya seeds. These values are typical. Seasonal deviations may occur. All recommendations as well as formulations made herein are based on data believed to be reliable.

Version 2.0 replaces all previous version of UNILEC PC35 Specification of Unilecithin Group.