GLOBAL RESOURCES DIRECT
STRAIGHT FROM THE SOURCE

Cotton Seed Oil Refined

SPECIFICATION SHEET

PRODUCT NAME: Cotton Seed Oil Refined

PROPERTIES: A light yellow oil; miscible with petroleum spirit, nearly insoluble in ethanol.

DESCRIPTION: Cottonseed oil is the fatty oil obtained from the seeds of cotton (Gossypium ssp.). It is then refined.

INCI NAME: Gossypium Herbaceum Seed Oil

STORAGE: Keep in well closed, well filled containers or under inert gas, protect from light, cool and dry.

RESIDUAL SOLVENTS: It complies with the guideline CPMP/ICH/283/95 and CPMP/ICH/1940/00 corr. (residual solvents)

Parameter	Unit	Value
Physical and Chemical Characteristics		
Acid Value	mg KOH/g	max. 0,5
Peroxide Value	meq O2/kg	max. 10,0
Refractive Index (20 °C)		ca. 1,473
Relative Density (20 °C)		ca. 0,920
Fatty Acid Composition (GC of FAMEs)		
14:0 Myristic Acid	%	max. 2,0
16:0 Palmitic Acid	%	17,0 - 28,0
16:1 Palmitoleic Acid	%	max. 2,0
18:0 Stearic Acid	%	1,0 - 4,0
18:1 Oleic Acid	%	13,0 - 25,0
18:2 Linoleic Acid	%	45,0 - 60,0
18:3 Linolenic Acid	%	max. 2,0
20:0 Arachidic Acid	%	max. 1,0
20:1 Eicosenoic Acid	%	max. 1,0

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