

Technical Specifications

Crude Degummed Soybean Oil (CDSO)

SOUTH AFRICA

DESCRIPTION

Crude degummed soybean oil (CDSO) is a pure but inedible soybean oil produced from regular to medium quality crude soybeans. Most of the free fatty acids and gums naturally present in soybeans are removed by hydration and mechanical or physical separation.

PARAMETERS

Unsaponifiable matter	1.2% max
Free fatty acid, as oleic	0.75% max
Moisture, volatile matter & insoluble impurities	0.3% max
Smoke Point is	234°C min
Flash Point is	453°C min
Phosphorous	0.015% max
Colour (1" Lovibond Cell)	50 y & 5 r max

COMPOSITION

Saturated Fatty Acids Mystic & Lower	@0-0.5%
Palmitic	7-11%
Stearic	2-6%
Archidic & Upper	0.3-3%
Total Saturated Fatty Acids	11-20%
Unsaturated Fatty Acids Palmitoleic & Lower	0-1%
Oleic	15-33%
Linoleic	43-56%
Linolenic	2-11%
Total Unsaturated Fatty Acids	80-90%



Technical Specifications

Crude Degummed Soybean Oil (CSBO)

UKRAINE

DESCRIPTION

Crude degummed soybean oil (CDSO) is a pure but inedible soybean oil produced from regular to medium quality crude soybeans. Most of the free fatty acids and gums naturally present in soybeans are removed by hydration and mechanical or physical separation.

CHEMICAL CHARACTERISTICS

Moisture & Volatile Matter	0.20% Max
Lecithin (expressed as Phosphorus) basis 0.020%	0.025% Max
Sediment (Gardner break test)	0.10% Max
Impurities (Insoluble in petrol ether)	0.10% Max
Color (Lovibond cell 1 inch) Basis	Not darker than 50 yellow plus 5 red
Unsaponifiable Matter (test as per N.S.P.A)	1.50% Max
FFA (As oleic with molecular weight of 282) Basis 1.00%	1.25% Max

THESE MAY BE SUBJECT TO MINOR MODIFICATIONS TO BE SPECIFIED IN THE CONTRACT

Possibility of packaging with the customer's brand with minimums and conditions to be determined.