



TECHNICAL DATA

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REFINED SOYBEAN OIL U.S.P.

GENERAL SPECIFICATIONS

Soybean Oil is the refined fixed oil obtained from the seeds of the soya plant Glycine soja (Fam. Leguminosae).

TEST	METHOD	RANGE
Specific gravity	USP	0.916-0.922
Refractive index	USP	1.465-1.475
Heavy metals, Method II	USP	0.001% max
Iodine value	USP	120 - 141
Free fatty acids	USP	< 2.5 mL of 0.02 N NaOH
Saponification value	USP	180 - 200
Unsaponifiable matter	USP	< 1.0%
Cottonseed oil	USP	passes
Peroxide	USP	10.0 max
Fatty acid composition	USP	
palmitate	C16:0	7 - 14
stearate	C18:0	1 - 6
oleate	C18:1	19 - 30
linoleate	C18:2	44 - 62
linolenate	C18:3	4 - 11

Color Gardner	AOCS Td 1a-64	4 max
Appearance	Greenish-yellow, bright & clear oily liquid	
Flavor and odor	Bland, almost odorless	
Typical peroxide value	USP 26	< 1.0 meq/kg

Because of natural variations in oilseed crops, chemical and physical constants cannot be guaranteed at all times. However, oil sold as USP is guaranteed to meet the USP monograph.

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