



# TECHNICAL DATA

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## EDIBLE SAFFLOWER OIL USP

### GENERAL SPECIFICATIONS

Safflower Oil is the refined fixed oil obtained from the seed of *Carthamus tinctorius* Linn, (Fam. Compositae).

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TEST	METHOD	RANGE
Iodine value	USP	135 - 150
Free fatty acids	USP	< 2.5 mL of 0.02 N NaOH
Saponification value	USP	186 - 194
Typical peroxide value	USP	< 2.0 meq/kg
Peroxide	USP	10.0 max
Fatty acid composition	USP	
palmitate	C16:0	2 - 10
stearate	C18:0	1 - 10
oleate	C18:1	7 - 42
linoleate	C18:2	72 - 84

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Color Gardner	AOCS Td 1a-64	3 max
Appearance	Pale yellow, bright & clear oily liquid	
Odor		Bland, odorless
Specific Gravity @ 25°C	USP	0.919-0.924

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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