



TECHNICAL DATA

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REFINED SUNFLOWER OIL

GENERAL SPECIFICATIONS

Sunflower oil is the fixed oil obtained from the seed of the sunflower plant *Helianthus annuus* by mechanical expression or solvent extraction.

TEST	METHOD	RANGE
Specific Gravity @ 25°C	USP	0.915-0.920
Iodine Value	USP	110 - 143
Saponification Value	USP	188 - 194
Free Fatty Acids	USP	< 2.5 mL of 0.02 N NaOH

Color Gardner	AOCS Td 1a-64	3 max
Appearance	Pale yellow, bright & clear oily liquid	
Odor	Bland, odorless	

TYPICAL FATTY ACID COMPOSITION (%)

C14:0	<0.5	C18:2	20 - 75
C16:0	3.0 - 10	C18:3	<1.5
C16:1	<1.0	C20:0	<1.0
C18:0	1.0 - 10	C20:1	<0.5
C18:1	14 - 65		

Because of natural variations in oilseed crops, chemical and physical constants cannot be guaranteed at all times.

Revised 1/03