



TECHNICAL DATA

A division of Spectrum Organic Products, Inc

Product Name: **Sunflower Oil, High Oleic, Organic**
 Source: Organically certified Sunflower seed (*Helianthus annus*)
 Manufacturing: Expeller Pressed, organically bleached, deodorized, winterized

High oleic sunflower was developed through traditional methods of plant breeding and hybridization. This oil is oxidatively very stable and is considered equal to olive oil for table use. It is also highly recommended for many culinary applications (including high heat) and cosmetic applications.

<u>Property</u>	<u>Typical Analysis</u>	<u>Method</u>
Appearance	Clear	Observation
Organoleptic	Bland Oil	Sensory Evaluation
Color (Lovibond)	≤10Y, 1.5R	AOCS Cc 13b-45, 5¼ cell
Moisture	≤0.1%	AOCS Ca 2e-84
Specific Gravity	0.912 to 0.920	AOCS Cc 10a-25 @ 20°C
Free Fatty Acid	≤0.1%	AOCS Ca 5a-40, as % Oleic Acid
Peroxide Value Initial	≤2.0	AOCS Cd 8-53 as meq/kg
Iodine Value	80 to 85	AOCS Cd 1d-92
Saponification Value	185 to 198	AOCS Cd 3-25
Smoke Point	240 deg. C (464 deg. F)	AOCS Cc 9a-48
AOM to 100 meq/kg	52.5 hr	AOCS Cd-12-57

Typical Fatty Acid Profile (%) AOCS Ce 1e-91

C16:0	Palmitic	3 to 5
C18:0	Stearic	2 to 5
C18:1	Oleic	74 to 88
C18:2	Linoleic	3 to 16
C18:3	Linolenic	≤1

Packaging and Storage: Store in a cool dry place (50 to 68 degrees F optimum) away from direct sources of sunlight, heat and oxidizers. Properly stored unopened containers have an expected shelf life of 24 months.

<u>Item Number</u>	<u>Size</u>	<u>Container Description</u>
120870	420 lb	Closed head food grade lined steel drum, top openings are 2" and ¾" National Coarse Thread, no side bung.

(Tanker truck, appx. 48,000 lbs, may be available by prior agreement.)

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