



# TECHNICAL DATA

A division of Spectrum Organic Products, Inc

Product Name: **Sesame Seed Oil, Unrefined**  
 Source: Sesame seed (*Sesamum indicum*)  
 Manufacturing: Expeller Pressed, filtered

Unrefined sesame seed oil is used in a variety of cooking and dressing applications principally for its distinctive flavor contribution.

<u>Property</u>	<u>Typical Analysis</u>	<u>Method</u>
Appearance	Clear	Observation
Organoleptic	Typical Nutty	Sensory Evaluation
Color	Amber	Observation
Moisture	≤0.2%	AOCS Ca 2e-84
Specific Gravity	0.916 to 0.924	AOCS Cc 10a-25 @ 20°C
Free Fatty Acid	≤2.0	AOCS Ca 5a-40, as % Oleic Acid
Peroxide Value Initial	≤6.0	AOCS Cd 8-53 as meq/kg
Iodine Value	110 to 120	AOCS Cd 1d-92
Saponification Value	187 – 195	AOCS Cd 3-25
Smoke Point	180 °C (356 °F)	AOCS Cc 9a-48
AOM to 100 meq/kg	21.5 hr	AOCS Cd-12-57

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

C16:0	Palmitic	7 to 11
C18:0	Stearic	3 to 6
C18:1	Oleic	32 to 42
C18:2	Linoleic	34 to 49
C18:3	Linolenic	≤2

**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 18 months.

<u>Item Number</u>	<u>Size</u>	<u>Container Description</u>
120330	420 lb	Closed head food grade lined steel drum, top openings are 2" and ¾" National Coarse Thread, no side bung.

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**5341 Old Redwood Highway, Ste 400 Petaluma, CA 94954 - Phone: 707 778-8900 Fax: 707 765-8738**