



TECHNICAL DATA

(Not a Specification)

Product Name: **Soybean Oil, Organic**
 Source: Organically grown Soybean plant (*Soja hispida*)
 Manufacturing: Expeller Pressed, organically bleached, deodorized
 Ingredients: Derived from organic soy beans

Spectrum's Organic Refined Soybean Oil is a 100% expeller pressed oil meeting all requirements and specifications for organic status. This oil can be used with confidence in a variety of culinary and cooking applications where only the finest organic ingredients should be utilized.

<u>Property</u>	<u>Typical Analysis</u>	<u>Method</u>
Appearance	Clear	Observation
Organoleptic	Bland Oil	Sensory Evaluation
Color (Lovibond)	≤20 Y, 2 R	AOCS Cc 13b-45, 5¼ cell
Moisture	≤0.1%	AOCS Ca 2e-84
Specific Gravity	0.919 to 0.925	AOCS Cc 10c-95 @ 20°C
Free Fatty Acid	≤0.1%	AOCS Ca 5a-40, as Oleic Acid
Peroxide Value Initial	≤2.0 meq/kg	AOCS Cd 8b-90
Iodine Value	124 to 139	AOCS Cd 1d-92
Saponification Value	187 to 197	AOCS Cd 3-25
Smoke Point	215 to 226 °C	AOCS Cc 9a-48
OSI@110 °C	6.5 Hrs	AOCS Cd 12b-92

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

C16:0	Palmitic	8 to 13.5
C18:0	Stearic	3 to 5
C18:1	Oleic	18 to 28
C18:2	Linoleic	48 to 57
C18:3	Linolenic	5 to 11

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>
120310	420 lb	Closed head food grade steel drum, top openings are 2" and ¾" National Coarse Thread, no side bung.
101310	2019 lb	Disposable tote bin, cardboard shell with plastic liner. Packaged to firm order only.

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