



# TECHNICAL DATA

A division of Spectrum Organic Products, Inc

Product Name: **Flax Oil, High Lignan, SpectraVac Organic**  
 Source: Organically certified Flaxseed (*Linum usitatissimum*)  
 Manufacturing: Expeller Pressed under inert gas

Flaxseed oil is valued for its health benefit, the highest content of omega-3 fatty acids from a plant source. Spectrum's unique patented processing technology, SpectraVac (which eliminates damaging oxygen and light) provides the finest flavor-stable flaxseed oil on the market. High Lignan Flaxseed oil contains the highest quality flaxseed solids, which are a source of protein, soluble and insoluble fiber, lignins and lignans.

<u>Property</u>	<u>Typical Analysis</u>	<u>Method</u>
Appearance	Clear oil with particulate matter	Observation
Organoleptic	Neutral-Nutty, slight fatty	Sensory Evaluation
Color (Lovibond)	53Y, ≤6.5 R (oil portion only)	AOCS Cc 13b-45, 5¼ cell
Moisture	≤1.0%	AOCS Ca 2e-84
Specific Gravity	0.920 to 0.936	AOCS Cc 10a-25 @ 20°C
Free Fatty Acid	≤1.0	AOCS Ca 5a-40, as % Oleic Acid
Peroxide Value	≤5.0	AOCS Cd 8-53 as meq/kg
Iodine Value	190 to 203	AOCS Cd 1d-92
Saponification Value	188 to 196	AOCS Cd 3-25
Flax Fiber	2 to 4%	AOAC Standard Methods

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

C16:0	Palmitic	4 to 6
C18:0	Stearic	3 to 4
C18:1	Oleic	16 to 23
C18:2	Linoleic	13 to 18
C18:3	α-Linolenic	51 to 58

**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 10 months.

<u>Item Number</u>	<u>Size</u>	<u>Container Description</u>
120402	400 lb	Closed head food grade lined steel drum, 2" and ¾" (national coarse thread) opening in lid.
105402	1000mg	Bulk gelatin capsules in boxes of 6000 each

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