



TECHNICAL DATA

A division of Spectrum Organic Products, Inc

Product Name: **Evening Primrose Oil, Organic**
 Source: Evening primrose seed (*Oenothera biennis*)
 Manufacturing: Mechanical expeller pressed

Evening Primrose Oil contains high levels of gamma-linolenic acid (GLA), an essential fatty acid involved in metabolic pathways of hormone balancing, brain functions, blood pressure, inflammation and healthy skin. EPO typically contains 10% GLA, and over 70% Omega-6 Essential Fatty Acids.

<u>Property</u>	<u>Typical Analysis</u>	<u>Method</u>
Appearance	Clear, no sediment	Observation
Organoleptic	Slight fatty	Sensory Evaluation
Color (Lovibond)	N/A	AOCS Cc 13b-45, 5¼ cell
Moisture	≤0.2%	AOCS Ca 2e-84
Specific Gravity	0.915	AOCS Cc 10a-25 @ 20°C
Refractive Index	1.477	AOCS Cc 7-25 @ 20°C
Acid Value	≤2.0	AOCS Cd 3d-63 as mg KOH/g
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	153	AOCS Cd 1d-92
Saponification Value	N/A	AOCS Cd 3-25

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

C16:0	Palmitic	6 to 8
C18:0	Stearic	2 to 4
C18:1	Oleic	5 to 10
C18:2	Linoleic	70 to 75
C18:3	γ-Linolenic	9 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 18 months.

<u>Item Number</u>	<u>Size</u>	<u>Container Description</u>
120503	419 lbs	Closed head food grade lined steel drum, 2" and ¾" (national coarse thread) opening in lid.
105505	500mg	Bulk gelatin capsules in boxes of 12,000 each
105506	1300 mg	Bulk gelatin capsules in boxes of 5000 each

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