



Specification

Product Name:	Evening Primrose Oil Refined		
INCI Name:	Oenothera Biennis Oil		
Description:	Oenothera Biennis Oil is the fixed oil derived from the seeds of the Evening Primrose, <i>Oenothera biennis</i> , <i>Onagraceae</i> .		
CAS No:	90028-66-3	EC No:	289-859-2

Analytical Test	Specification
Appearance:	Mobile liquid, pale yellowish.
Odour:	Characteristic.
Specific Gravity @ 20°C (g/ml)	0.920 - 0.935
Refractive Index @ 20°C	1.465 - 1.488
Acid value (mgKOH/g)	≤ 1.0
Saponification value (mgKOH/g)	180.0 - 195.0
Peroxide value (Meq/kg)	≤ 10.0 (<i>at time of production analysis</i>)
Fatty Acid Profile (%)	
C16:0 Palmitic Acid	4.0 - 10.0
C18:0 Stearic Acid	1.0 - 4.0
C18:1 Oleic Acid	5.0 - 18.0
C18:2 Linoleic Acid	60.0 - 85.0
C18:3 Gamma Linolenic Acid	≥ 9.0
Storage	Store product in full, tightly closed containers in a cool dry place away from heat and sunlight.
Stability	When stored for more than 24 months, quality should be checked before use.