



Certificate of Analysis

Product	Evening Primrose Oil
Botanical Name	Oenothera Biennis (<i>Evening Primrose</i>) Oil
Batch	31307/10
Plant Part	Seeds

ANALYTICAL TEST	SPECIFICATION RANGE	RESULT
Appearance	Clear liquid pale yellowish	Conforms
Odour	Characteristic	Conforms
Relative Density @ 20°C (g/ml)	0.920 – 0.935	0.924
Refractive Index @ 20°C	1.465 – 1.488	1.477
Saponification value (mgKOH/g)	180.0 – 195.0	192.0
Peroxide value (Meg/kg)	≤ 10.0	1.85
Acid value (mgKOH/g)	≤ 1.0	0.31
Fatty Acid Profile (%)		
C 16:0 Palmitic Acid	4.0 – 10.0	6.60
C 18:0 Stearic Acid	1.0 – 4.0	2.10
C 18:1 Oleic Acid	5.0 – 18.0	8.20
C 18:2 Linoleic Acid	60.0 – 85.0	71.90
C 18:3 Linolenic Acid	≥ 9.0	9.2

Retest Date March 2022