

CERTIFICATE OF ANALYSIS

Product	:	Evening Prime Rose Oil FG
Batch No	:	200901/1087/2.800
Shelf Life	:	Best before 36 months from the date of manufacturing.
Appearance	:	Fluid Liquid
Colour	:	Clear, Light yellow to pale yellow
Odour	:	Characteristic mild odour

Fatty Acid Composition: -

Parameters	Standard	Result
Linoleic Acid	65% to 85%	72.3%
Oleic Acid	5% to 12%	8.9%
Stearic Acid	1% to 4%	2.4%
Palmitic Acid	4% to 10%	5.8%
Gamma Linolenic Acid	NLT 10%	10.6%

Parameters	Standard	Result
Moisture	≤0.10	Complies
Acid Value	NMT 0.5%	Complies
Peroxide Value	≤10.0	Complies
Relative Density	0.915 to 0.935	0.924
Refractive index	1.467 to 1.483	1.478
Saponification Value	189 to 199	191
Unsaponification Value	NMT 2.0%	0.8
Cold Test	Clear After 5.5 hour at 0° C	Complies
Gardner Colour	NMT 5	Complies

Microbiological Assay

Parameters	Standard	Result
Total plate count (CFU/GM)	Maximum 1000	Complies
Yeast and mould (CFU/GM)	Maximum 100	Complies
E Coli	Should be absent	Complies

Heavy Metals

Parameters	Standard	Result
Total heavy metals	Less than 10ppm	Complies
Lead	Less than 0.2ppm	Complies
Arsenic	Less than 0.2ppm	Complies
Cadmium	Less than 0.2ppm	Complies
Mercury	Less than 0.2ppm	Complies

Storage: In well fitted container in cool and dark place.

Suyash