



24 Madison Road, Fairfield, New Jersey 07004, USA  
Tel: 800-771-JEEN (5336), Tel: 973-439-1401, Fax: 973-439-1402,  
email: [info@jeen.com](mailto:info@jeen.com) , Website: [www.jeen.com](http://www.jeen.com)

## Evening Primrose Oil

### (INCI: OENOTHERA BIENNIS (EVENING PRIMROSE) OIL)

|                           |                   |
|---------------------------|-------------------|
| Appearance:               | Yellow Liquid     |
| Color (1" Lovibond) :     | 3.4R / 30 Y Max.  |
| Odor:                     | Slight Fatty Odor |
| Acid Value, mg KOH/g:     | 4 Max.            |
| Fatty Free Acid, %:       | 2 Max.            |
| Saponification Value:     | 175 - 200         |
| Unsaponifiable Matter, %: | 2 Max.            |
| Peroxide Value, meq/kg:   | 10 Max.           |

#### Omega 6 Fatty Acids:

|                           |          |
|---------------------------|----------|
| Gamma Linolenic (GLA), %: | 9.0 Min. |
|---------------------------|----------|

#### Typical Fatty Acid Profile, %

|                        |       |             |
|------------------------|-------|-------------|
| Palmitic:              | C16:0 | 5.8 – 7.0   |
| Stearic                | C18:0 | 1.3 – 2.3   |
| Oleic:                 | C18:1 | 6.0 – 10.5  |
| Linoleic:              | C18:2 | 70.0 – 77.0 |
| Gamma Linolenic (GLA): | C18:3 | 9.0 – 10.5  |

#### Microbial Analysis:

|                           |          |
|---------------------------|----------|
| Yeast, per gram:          | 100 Max. |
| Mold, per gram:           | 100 Max. |
| Coliforms, per 10 grams:  | Negative |
| Samonella, per 100 grams: | Negative |

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