

## Certificate of Analysis

**Product Name:** Strawberry Seed Oil Virgin

**Botanical Name:** Fragaria Ananassa

**Lot No.** BPCSSOV102025

**Expiry:** December 2028

**Origin:** USA

### Properties   Specifications   Results

**Appearance:** Yellow to amber green hue colored liquid Complies

**Odour:** Characteristic mild odour Complies

**Refractive Index:** 1.475 - 1.485 @ 20°C 1.478

**Specific Gravity:** (g/mL) 0.910 - 0.930 @ 20°C 0.921

**Saponification Value:** (mgKOH/g) 180 - 200 190

**Unsaponifiable Matter:** (%) Maximum 1.5 Complies

**Peroxide Value:** (meq O<sub>2</sub>/kg) Less than 15.0 Complies

**Iodine Value:** (g I<sub>2</sub>/100g) 165 - 195 175

**Free Fatty Acids:** (% oleic) Less than 1.0 Complies

**Acid Value:** (mgKOH/g) Less than 2.0 Complies

**Solubility:** Soluble in cosmetic esters & oils; Insoluble in water Complies

**Palmitic Acid** C16:0 2.00 – 6.00

**Palmitoleic Acid** C16:1 (n-7) Maximum 0.50

**Stearic Acid** C18:0 1.00 – 2.50

**Oleic Acid** C18:1 (n-9) 8.00 – 16.00

**Linoleic Acid** C18:2 (n-6) 44.00 – 55.00

**Alpha-Linolenic Acid** C18:3 (n-3) 28.00 – 38.00

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