



Castor Oil

INCI: Ricinus Communis (Castor) Seed Oil

Product ID: OILCASTORPPIN6

Specifications

Analytical Details

Appearance at 25 °C:

Odor:

Color Gardner:

Color Lovibond 5 ¼ Scale:

Specific Gravity at 25 °C:

Iodine Value:

Free Fatty Acids:

Moisture & Volatile Matter:

Acid Value:

Saponification Value:

Unsaponifiable Matter:

Hydroxyl Value:

Refractive Index at 25 °C:

Viscosity at 25 °C:

Insoluble Impurities:

Ricinoleic Acid Content:

Solubility:

Methods

Visual

Organoleptic

Td 1a - 64

Cc 13e - 92

Cc 10a - 25

Cd 1d-92

Ca 5a - 40

Ca 2c - 25

Cd 3d - 63

Cd 3 - 25

Ca 6a - 40

Cd 13 - 60

Cc 7 - 25

Tq 1a - 64

Ca 3a - 46

ISO 5008 / 9

1 part sample +

2 parts alcohol

Specifications

Pale Yellow, Bright, Clear,
Viscous Liquid

Characteristic

≤ 2.0

≤ 10 Y / 1.0 R

0.957 - 0.965

83 - 88 g I₂/100g

≤ 0.75%

≤ 0.25%

≤ 1.50 mg KOH/g

175 - 185 mg KOH/g

≤ 0.7%

160 - 168

1.476 - 1.479

6.3 - 8.9 Stokes

≤ 0.01%

≥ 85.0%

Complete

Shelf Life:

2 Years

Date: 4/28/2026

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