



CERTIFICATE OF ANALYSIS

Castor Carrier Oil – USP

Product: Castor Carrier Oil - USP

Botanical Name: Ricinus communis

CAS No. 8001-79-4

Lot No: 15010721

Best Before: December 2023

Origin: INDIA

Store in an air tight container; in a cool dry area; away from direct sunlight.

Properties Specifications Results

Appearance: Colorless to slightly yellow liquid. Complies

Odor: Odorless to characteristic odor. Complies

Solubility: Soluble in alcohol and oils. Insoluble in water. Complies

Specific Gravity: 0.957 - 0.961 @ 20°C 0.9597

Saponification Value: 176 - 185 180.27

Moisture: < 0.20 % 0.12

Ricinolein Acid: 85 - 92% 87.83

Acid Value: < 0.8 % 0.57

Iodine Value: 82 - 90 85.42

Hydroxyl Value: 160 - 168 164.18

Peroxide Value: < 5.0 1.08

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