

Certificate of Analysis

Product Name: Ginger Essential Oil
Botanical Name: Zingiber officinale
INCI Name: Zingiber Officinale (Ginger) Root Oil
Extraction Method: Steam Distillation
Plant Part Used: Rhizome (Root)
CAS No.: 8007-08-7 / 84696-15-1
Batch/Lot No.: BPCGEO112025
Expiry Date: December 2029
Country of Origin: India

Test Specification Result

Appearance: Clear pale yellow to amber liquid. Conforms
Odor: Fresh, warm, spicy, characteristic of ginger. Conforms
Specific Gravity (20°C): 0.870 – 0.890
Refractive Index (20°C): 1.485 – 1.495
Optical Rotation (20°C): -45° to -20°
Flash Point >65°C
Solubility: Soluble in alcohol; insoluble in water Conforms

Constituent Range (%)

Zingiberene 20.0 – 35.0
 β -Sesquiphellandrene 10.0 – 20.0
ar-Curcumene 5.0 – 15.0
 β -Bisabolene 3.0 – 10.0
Camphene 2.0 – 8.0
 β -Phellandrene 1.0 – 6.0
1,8-Cineole 1.0 – 5.0

Storage Conditions: Store in a cool, dry place away from heat & direct light

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