



CERTIFICATE OF ANALYSIS (COA)

Supplier:

Aromology Trading LLC
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Product Information

Product Name: Green Pepper Essential Oil
Botanical Name: Piper nigrum L.
INCI Name: Piper Nigrum (Green Pepper) Seed Oil
CAS Number: 8006-82-4 / 84929-41-9
EC Number: 284-524-7
FEMA Number: 2845
Extraction Method: Steam Distillation
Plant Part: Green (Unripe) Peppercorns
Country of Origin: India
Intended Use: Perfumery Raw Material
Batch Number: GPE26063001
Manufacturing Date: 18 May 2026
Retest Date: 18 May 2028
Issue Date: 30 June 2026

Analytical Specifications

Test: Appearance

Specification: Clear pale green to yellow-green liquid

Result: Complies

Test: Odour

Specification: Fresh, green, spicy, pepper characteristic

Result: Complies

Test: Identification (GC)

Specification: Conforms to reference standard

Result: Pass

Test: Relative Density (20 °C)

Specification: 0.864 – 0.884

Result: 0.873



Test: Refractive Index (20°C)
Specification: 1.4740 – 1.4920
Result: 1.4813

Test: Optical Rotation (20°C)
Specification: -5° to +15°
Result: +4.8°

Test: Flash Point
Specification: $\geq 46^{\circ}\text{C}$
Result: Pass

Test: Solubility
Specification: Soluble in ethanol; insoluble in water
Result: Complies

Test: Colour
Specification: Pale green to yellow-green
Result: Complies

Conclusion

The above material complies with the established quality specifications for Green Pepper Essential Oil and is suitable for use as a fragrance ingredient in perfume manufacture.

Storage Conditions

Store in tightly closed containers in a cool, dry, well-ventilated place away from direct sunlight, heat, moisture and strong oxidizing agents.

Shelf Life

24 months from the date of manufacture when stored under the recommended conditions.

Authorized by

Fozia Khot
Director
Aromology Trading LLC