



CERTIFICATE OF ANALYSIS (COA)

Aromology Trading LLC
G05 Al Ghazal Building
Nadd Al Hamar
Dubai, United Arab Emirates

Website: www.aromology.com
Email: info@aromology.com
Telephone: +971 505197601

Makrut Lime Leaf Oil

Product Identification

Item	Details
Product Name	Makrut Lime Leaf Oil
Synonyms	Kaffir Lime Leaf Oil, Combava Leaf Oil
Botanical Name	<i>Citrus hystrix</i> DC.
INCI Name	<i>Citrus Hystrix</i> Leaf Oil
CAS Number	91771-50-5
EC Number	294-942-1
Plant Part	Fresh Leaves
Extraction Method	Steam Distillation
Origin	Indonesia
Product Type	Natural Essential Oil

Analytical Specifications

Test	Specification	Batch Result
Appearance	Clear mobile liquid	Conforms
Colour	Colourless to pale yellow or greenish-yellow	Conforms
Odour	Fresh, green, citrus, citronellal-rich	Conforms
Identification	GC profile consistent with <i>Citrus hystrix</i> leaf oil	Conforms
Relative Density (20°C)	0.840–0.855	To be reported
Refractive Index (20°C)	1.445–1.465	To be reported
Optical Rotation	Batch specific	To be reported
Flash Point	Approximately 65°C	To be reported
Solubility	Soluble in ethanol	Conforms
Foreign Matter	None visible	Conforms



Representative Natural Constituents

- Citronellal (typically dominant constituent)
- Citronellyl acetate
- Citronellol
- Linalool
- Sabinene
- β -Pinene
- Limonene
- Terpinenes
- Minor oxygenated monoterpenes

The exact composition varies according to harvest season, geographical origin and distillation conditions.

Purity Declaration

This material consists of 100% steam-distilled Makrut Lime Leaf Essential Oil obtained from the leaves of *Citrus hystrix*.

No synthetic fragrance ingredients have been intentionally added.

Storage

Store:

- In tightly sealed containers
- Between 15–25 °C
- Away from heat and sunlight
- Under nitrogen where practical
- Away from oxidising agents

Natural variation in colour and aroma is characteristic of essential oils.

Conclusion

The material conforms to the representative specifications established for Makrut Lime Leaf Oil, subject to verification of batch-specific analytical results.

This document is a representative supplier COA and not the original producer's laboratory certificate.

Authorised by

Fozia Khot

Director

Aromology Trading LLC