



## CERTIFICATE OF ANALYSIS (COA)

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**Aromology Trading LLC**  
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### PRODUCT IDENTIFICATION

| Item              | Details                                              |
|-------------------|------------------------------------------------------|
| Product Name      | Lemon Myrtle Essential Oil                           |
| Botanical Name    | <i>Backhousia citriodora</i> F.Muell.                |
| INCI Name         | Backhousia Citriodora Leaf Oil                       |
| CAS Number        | 84775-80-4                                           |
| EC Number         | 283-656-2                                            |
| Plant Part        | Leaves                                               |
| Extraction Method | Steam Distillation                                   |
| Country of Origin | Australia                                            |
| Product Type      | Natural Essential Oil                                |
| Batch Number      | Representative Specification                         |
| Issue Date        | 20 July 2026                                         |
| Retest Period     | 24 Months (when stored under recommended conditions) |

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### PHYSICAL AND CHEMICAL CHARACTERISTICS

| Parameter                | Specification                         | Representative Result |
|--------------------------|---------------------------------------|-----------------------|
| Appearance               | Clear pale yellow liquid              | Complies              |
| Odour                    | Fresh, powerful lemon, characteristic | Characteristic        |
| Relative Density (20 °C) | 0.870–0.935                           | 0.885                 |
| Refractive Index (20 °C) | 1.475–1.495                           | 1.485                 |
| Optical Rotation         | -10° to +10°                          | +0.5°                 |
| Flash Point              | >74 °C                                | 78 °C                 |
| Solubility in Ethanol    | Soluble                               | Complies              |

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### REPRESENTATIVE GC PROFILE



| Constituent               | Typical Range (%) |
|---------------------------|-------------------|
| Citral (Geranial + Neral) | 90–98             |
| Geraniol                  | 1–6               |
| Linalool                  | ≤2                |
| Citronellol               | ≤2                |
| Myrcene                   | ≤1                |
| Limonene                  | ≤1                |

Citral is the principal naturally occurring constituent and is responsible for the characteristic intense lemon aroma. Representative physical specifications are consistent with published supplier COAs.

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## QUALITY DECLARATION

This representative material complies with the expected physical and organoleptic specifications for professional perfumery-grade Lemon Myrtle Essential Oil.

The original producer's batch-specific Certificate of Analysis shall always take precedence.

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## STORAGE

Store tightly closed in a cool, dry and well-ventilated place away from heat, direct sunlight and oxidising materials.

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## CONCLUSION

Representative Result: COMPLIES

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**Authorised by:**

Fozia Khot

Director