ORYION CHEMICALS (PTY) LTD
T/A Oryion Oils & Fragrances
CK2023/235387/07
Main Road, Queensburgh, Durban, South Africa, 4076
Contact: 076 092 6052

Eucal01/–ver1.0

Certificate of Analysis (COA)

This Certificate of Analysis provides the actual analytical test results verifying that:

Eucalyptus Globulus Essential Oil

Complies fully with standard technical specifications.

Product Information

- **Product Name:** Eucalyptus Globulus Essential Oil
- **INCI Name:** *Eucalyptus globulus*
- **CAS No:** 91771-68-5
- **Country of Origin:** South Africa
- **Part of Plant Used:** Leaves & twigs
- **Extraction Method:** Steam Distillation
- **Batch No:** A 629 EGC
- **Manufacturing Date:** 31 October 2025
- **Retest Date:** 31 October 2030 (Suggested one month prior to expiry)

Physical & Analytical Properties

Analytic Details	Specifications Range	Results
Colour	Colourless to pale yellow	Conforms
Odour	Characteristic (Cineol)	Conforms
Appearance	Mobile liquid	Conforms
Refractive Index (20°C)	1.458 - 1.465	**1.460**
Specific Gravity (20°C)	0.906 - 0.920	**0.908**
Optical Rotation	-2° to +10°	**+3.22°**

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Major Chemical Constituents (GC-MS Analysis)

Name of Compound	Specifications %	Results %
Eucalyptol (1,8 cineole)	70 - 90%	**83.770%**
Limonène	1 - 10%	**8.426%**
Gamma-terpinène	0 - 3%	**2.235%**
Para-cymène	0 - 3%	**1.479%**
Alpha-pinène	1 - 10%	**1.122%**
Alpha-phellandrene	0.5 - 3%	**1.066%**
Myrcene	0 - 3%	**0.812%**
Alpha-terpinène	0 - 1%	**0.174%**
Terpinolène	0 - 1%	**0.131%**

Handling & Storage

- **Usage Precautions:** Handle in accordance with good industrial hygiene and safety practice. Avoid unintentional contact with skin surfaces. Wear suitable protective clothing and avoid inhalation. Ensure good ventilation or exhaust in workplace. Do not allow contact with eyes. Always wash hands after handling. Remove and wash contaminated clothing before re-using.
- **Storage Precautions:** Store in closed glass containers, away from heat, light, and other sources of ignition. Store in a cool area.

Disclaimer: The information above is, to the best of our knowledge, reliable. Users should conduct their own tests to determine the suitability of the product for their own specific purposes.



Authorized Signature:

Date: 26 January 2026