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

Lem01/–ver1.0

Certificate of Analysis (COA)

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

Lemon Essential Oil (Food Grade)

Complies fully with standard technical specifications.

Product Information

- **Product Name:** Lemon Essential Oil (Food Grade)
- **INCI Name:** *Citrus Limon*
- **Country of Origin:** South Africa
- **Batch No:** 6C01926/4
- **Manufacturing Date:** 19 January 2026
- **Expiry Date:** 19 January 2028
- **Retest Date:** Suggested one month prior to expiry

Physical & Analytical Properties

Analytical Parameter	Required Specification	Result
Appearance	Yellow to greenish colour	Conforms
Aroma	Typical Lemon Peel Aroma	Conforms
Flavour	Typical Lemon	Conforms
Specific Gravity @ 20°C	0.8500 – 0.8580	**0.8504**
Refractive Index @ 20°C	1.4730 – 1.4760	**1.4735**
Optical Rotation (°)	+57 to +70	**60.1**
Aldehyde % as Citral	≥ 2.7	**2.74**

Handling & Storage

- **Usage Precautions:** Keep product away from ignition sources to prevent fire. Keep product in closed packaging (drum) to prevent spills. Do not smoke in work areas. Wash hands thoroughly after work.
- **Storage Precautions:** Keep out of direct sunlight. Do not store at elevated temperatures (keep under 40°C). Store in cool areas away from heat sources, sparks, and open flames.

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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: 11 February 2026