

## Certificate of Analysis

### LIME OIL DISTILLED

**Product Description:** Colourless to yellowish clear oil distilled from crushed limes.  
**Product Code:** TOL0050  
**Batch No:** LIM110923MAL0003

**Date of Issue:** 2023/09/12  
**Manufactured:** 2023/09/11  
**Expiry Date:** 2025/09/11

Specification	Required Value	Result	Tolerance	Comment
Refractive Index (20°C)	1.474 - 1.478	1.4752	in range	passed
Relative Density (20°C)	0.856 - 0.87	0.8612	in range	passed
Optical Rotation (+°)	34 - 47	34.01	in range	passed
Aldehyde as Citral (%)	0.5-2.5	0.76		

#### Additional information

Country of Origin : South Africa  
CAS Number : 8008-26-2  
Latin name: Citrus aurantifolia  
Odour : Compares with standard  
This product is free of any infestation and/or foreign objects

Passed QC Test

YES