

Certificate of Analysis

Product: Citronella Oil (China)
Botanical Name: *Cymbopogon Winterianus*
Origin: China
Plant Part used: Leaves/branches
Extraction: Steam distilled

Physical data	<u>Specification</u>²	<u>Result</u>
Appearance:	Clear free flowing liquid	Complies
Colour:	Pale yellow to yellow brown	Complies
Odour:	Strong odour of citronella	Complies
Specific Gravity at 20°C:	0.8500 to 0.8990	0.8874
Refractive Index at 20°C:	1.4540 to 1.4800	1.4694
Optical Rotation:	+2.00 ⁰ to -8.00 ⁰	-4.25 ⁰

Chromatographic Profile

Sample	Component	Specification² Peak Area (%)	Result Peak Area (%)
<i>Cymbopogon Winterianus</i>	Citronellal	28 to 45	36.33
	Citronellol	8 to 18	11.52
	Geraniol	15 to 30	22.33