

Certificate of Analysis

Product: Lemon Myrtle Oil (Australia)
Botanical Name: *Backhousia citriodora*
Origin: Australia
Plant part used: Leaves and lateral
Extraction method: Steam Distilled

Physical data	<u>Specification</u>²	<u>Result</u>
Appearance:	Clear, mobile liquid	Complies
Colour:	Pale Yellow to yellow	Complies
Odour:	Lemon citral	Complies
Specific Gravity @ 20°C:	0.8650 to 0.9250	0.8913
Refractive Index @ 20°C:	1.4750 to 1.4950	1.4853
Optical Rotation:	+9.00 ⁰ to -0.50 ⁰	+0.25 ⁰

Chromatographic Profile

Sample	Component	Specification² Peak Area¹ (%)	Result Peak Area (%)
<i>Backhousia citriodora</i>	Citronellal	Trace to 2.5	0.19
	Neral	Min 32	37.52
	Geranial	Min 44	46.85
	Citral (neral + geranial)	Min 76	84.37