

CERTIFICATE OF ANALYSIS

Product: Eucalyptus Radiata Oil (South Africa) 100% Organic ACO/USDA
Botanical Name: *Eucalyptus radiata*
Origin: South Africa
Plant part used: Leaves and lateral branches
Extraction method: Steam distilled

Physical data	<u>Specification</u>²	<u>Result</u>
Appearance:	Clear, mobile liquid	Complies
Colour:	Colourless to pale yellow	Complies
Odour:	Characteristic: cineole	Complies
Specific Gravity @ 20°C:	0.9050 to 0.9250	0.9158
Refractive Index @ 20°C:	1.4580 to 1.4659	1.4633
Optical Rotation:	0.00 ⁰ to +10.00 ⁰	+3.30 ⁰

Chromatographic Profile

Sample	Component	Specification² Peak Area¹ (%)	Result Peak Area (%)
<i>Eucalyptus radiata</i>	1,8-Cineole	63 to 75	67.37