

## Certificate of Analysis

Product: Eucalyptus Radiata Essential Oil

Botanical Name: *Eucalyptus radiata*

Country of Origin: Australia

### PHYSICAL AND CHEMICAL PROPERTIES

TEST	SPECIFICATION	RESULT
Appearance	Clear colourless to pale yellow liquid	Conforms
Odour	Characteristic	Conforms
Specific Gravity	0.880 to 0.930 @ 20°C	
Refractive Index	1.455 to 1.480 @ 20°C	

### GAS CHROMATOGRAPH ANALYSIS (TYPICAL)

CONSTITUENT	SPECIFICATION	RESULT
$\alpha$ -Pinene		9.04%
Sabinene		2.51%
$\beta$ -Pinene		2.81%
Myrcene		1.91%
$\alpha$ -Phellandrene		2.32%
$\alpha$ -Terpinene		1.85%
Eucalyptol		42.10%
$\gamma$ -Terpinene		6.71%
Linalool		1.53%
4-Terpineol		5.88%
$\alpha$ -Terpineol		9.73%
Citral		2.41%
Geraniol		2.13%
$\alpha$ -Terpinyl acetate		5.84%