



## CERTIFICATE OF ANALYSIS

### Pure Australian Eucalyptus Australiana Oil

**Certification Date:** 17 February 2015  
**Batch No:** 01308\_DM\_0115  
**Product Name:** Australian Eucalyptus Australiana Oil  
**Botanical Name:** *Eucalyptus radiata*  
**Country of Origin:** Australia  
**Part of Plant Used:** Leaves and twigs  
**Extraction Method:** Steam distilled (water)  
**INCI Name:** Eucalyptus Radiata Branch/Leaf Oil  
**Appearance:** Clear colorless to pale yellow mobile liquid  
**Odor:** Eucalyptus aroma with slight citrus overtones  
**Specific Gravity (20°C):** 0.906  
**Refractive Index (20°C):** 1.4610  
**Optical Rotation (20°C):** +2.5  
**Major Chemical Constituents:**

Components:	Result (%):
$\alpha$ -pinene	2.2
sabinene	1.2
myrcene	1.3
$\gamma$ -terpinene	0.9
limonene	6.3
1,8-cineole	74.3
$\beta$ -phellandrene	1.3
terpinen-4-ol	1.4
$\alpha$ -terpineol	5.5
geraniol	0.4
terpinyl acetate	0.6

**Date of Manufacture:** January 2015  
**Date of Expiry:** January 2018 - then retest at 6 monthly intervals

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