

Certificate of Analysis

Product: Eucalyptus Peppermint Gum

Botanical Name: *Eucalyptus dives*

Code: EOEUCPEPBULK

Derivation: Distillation by steam of the leaves and lateral branches

<u>Parameter</u>	<u>Specification¹</u>	<u>Result</u>
Appearance:	Clear mobile liquid.	Complies
Colour:	Clear to Pale yellow/ light amber	Complies
Odour:	Typical, Fresh with peppermint notes	Complies

Physio-chemical properties

Specific Gravity at 20°C: 0.8920 to 0.8990 0.8938

Refractive Index at 20°C: 1.4700 to 1.4890 1.4796

Optical Rotation: -50.00° to -75.00° -67.20°

Chromatographic Profile

Sample	Component	Specification ¹ (%)	Result (%)
<i>Eucalyptus dives</i>	a-phellandrene	Min 20.00	28.75
	Piperiton	Min 38.00	39.99

NOTE (1) Version (12/12/2011) Doc#059

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