

# CERTIFICATE OF ANALYSIS

PRODUCT NAME: EUCALYPTUS BLUE GUM OIL

BOTANICAL NAME: *Eucalyptus globulus*

COUNTRY OF ORIGIN: CHINA

TEST (UNIT)	SPECIFICATION	RESULT
APPEARANCE	MOBILE LIQUID	MOBILE LIQUID
COLOUR	COLOURLESS TO PALE YELLOW	COLOURLESS
CLARITY	CLEAR, NO FOREIGN MATTER	CLEAR, NO FOREIGN MATTER
ODOUR	CHARACTERISTIC, CAMPHORACEOUS, AROMATIC	CHARACTERISTIC
SPECIFIC GRAVITY @ 20°C	0.906 to 0.927	0.911
OPTICAL ROTATION @ 20°C	0° to +10°	+3°
REFRACTIVE INDEX @ 20°C	1.458 to 1.470	1.461
<b>CHROMATOGRAPHIC PROFILE</b>		
ALPHA-PINENE (%)	0.05 to 10.0	2.0
SABINENE (%)	Max 0.3	NOT DETECTED
BETA-PINENE (%)	0.05 to 1.5	0.4
ALPHA-PHELLANDRENE (%)	0.05 to 1.5	0.8
LIMONENE (%)	0.05 to 15.0	7.3
1,8-CINEOLE (%)	Min 70.0	82.4
CAMPHOR (%)	Max 0.1	NOT DETECTED