

CERTIFICATE OF ANALYSIS

PRODUCT NAME: EUCALYPTUS RADIATA OIL (S AFRICA)-ACO/USDA

BOTANICAL NAME: *Eucalyptus radiata*

COUNTRY OF ORIGIN: SOUTH AFRICA

TEST	SPECIFICATION	RESULT
APPEARANCE	MOBILE LIQUID	MOBILE LIQUID
COLOUR	COLOURLESS TO PALE YELLOW	COLOURLESS
CLARITY	CLEAR, NO FOREIGN MATTER	CLEAR, NO FOREIGN MATTER
ODOUR	STRONG, PENETRATING, MEDICINAL; PLEASANT, SWEET BACK-NOTE	CHARACTERISTIC
SPECIFIC GRAVITY @ 20°C	0.906 to 0.926	0.916
OPTICAL ROTATION @ 20°C	0° to +10°	+1.6°
REFRACTIVE INDEX @ 20°C	1.458 to 1.470	1.465
CHROMATOGRAPHIC PROFILE		
1,8-CINEOLE (%)	63.0 to 75.0	71.0