

CERTIFICATE OF ANALYSIS

PRODUCT NAME: CAJEPUT OIL (INDONESIA)

BOTANICAL NAME: *Melaleuca cajuputi*

COUNTRY OF ORIGIN: INDONESIA

TEST	SPECIFICATION	RESULT
APPEARANCE	MOBILE LIQUID	MOBILE LIQUID
COLOUR	COLOURLESS TO YELLOW-GREEN	PALE YELLOW
CLARITY	CLEAR, NO FOREIGN MATTER	CLEAR, NO FOREIGN MATTER
ODOUR	SWEET, MEDICINAL, CAMPHOR NOTE	CHARACTERISTIC
SPECIFIC GRAVITY @ 20°C	0.905 to 0.923	0.914
OPTICAL ROTATION @ 20°C	-10° to +1°	-1°
REFRACTIVE INDEX @ 20°C	1.464 to 1.472	1.469
CHROMATOGRAPHIC PROFILE		
LIMONENE (%)	3 to 10	7
1,8-CINEOLE (%)	35 to 75	59
ALPHA-TERPINEOL (%)	Trace to 15	7