

# CERTIFICATE OF ANALYSIS

PRODUCT NAME: NUTMEG OIL  
BOTANICAL NAME: *Myristica fragrans*  
COUNTRY OF ORIGIN: INDONESIA

TEST (UNIT)	SPECIFICATION	RESULT
APPEARANCE	MOBILE LIQUID	MOBILE LIQUID
COLOUR	COLOURLESS TO PALE YELLOW	PALE YELLOW
CLARITY	CLEAR, NO FOREIGN MATTER	CLEAR, NO FOREIGN MATTER
ODOUR	PLEASANT, WARM, SPICY	CHARACTERISTIC
SPECIFIC GRAVITY @ 20°C	0.850 to 0.917	0.900
OPTICAL ROTATION @ 20°C	+7° to +30°	+13°
REFRACTIVE INDEX @ 20°C	1.465 to 1.488	1.482
<b>CHROMATOGRAPHIC PROFILE</b>		
ALPHA-PINENE (%)	10 to 30	25
SABINENE (%)	5 to 25	21
BETA-PINENE (%)	5 to 25	16
TERPINEN-4-OL (%)	Trace to 12	4
SAFROLE (%)	Trace to 10	1
MYRISTICIN (%)	5 to 25	7