

# CERTIFICATE OF ANALYSIS

PRODUCT NAME: PEPPERMINT OIL PIPERITA ORGANIC

BOTANICAL NAME: *Mentha X piperita*

COUNTRY OF ORIGIN: INDIA

TEST (UNIT)	SPECIFICATION	RESULT
APPEARANCE	MOBILE LIQUID	MOBILE LIQUID
COLOUR	COLOURLESS TO PALE YELLOW	VERY PALE YELLOW
CLARITY	CLEAR, NO FOREIGN MATTER	CLEAR, NO FOREIGN MATTER
ODOUR	FRESH, MINTY, HERBACEOUS, BITTER-SWEET	CHARACTERISTIC
SPECIFIC GRAVITY @ 20°C	0.890 to 0.910	0.902
OPTICAL ROTATION @ 20°C	-30° to -10°	-26°
REFRACTIVE INDEX @ 20°C	1.456 to 1.465	1.460
CHROMATOGRAPHIC PROFILE		
MENTHONE (%)	20.0 to 35.0	24.2
MENTHOFURAN (%)	2.0 to 9.0	3.3
MENTHOL (%)	30.0 to 45.0	42.0
PULEGONE (%)	Trace to 3.0	0.9