

CERTIFICATE OF ANALYSIS

PRODUCT NAME: FENNEL SWEET OIL (AUSTRALIA)

BOTANICAL NAME: *Foeniculum vulgare*

COUNTRY OF ORIGIN: AUSTRALIA

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	WARM, PEPPERY, CAMPHORACEOUS AND SWEET-SPICY, ANISIC	CHARACTERISTIC
SPECIFIC GRAVITY @ 20°C	0.945 to 0.985	0.975
OPTICAL ROTATION @ 20°C	0° to +20°	+9°
REFRACTIVE INDEX @ 20°C	1.530 to 1.560	1.546
CHROMATOGRAPHIC PROFILE		
FENCHONE (%)	1.0 to 10.0	5.2
METHYL CHAVICOL (ESTRAGOLE) (%)	Trace to 6.0	2.6
ANETHOLE (%)	70.0 to 95.0	83.9