

CERTIFICATE OF ANALYSIS

Product: Fennel Sweet Oil – Certified Organic

Botanical Name: *Foeniculum vulgare*

Origin: Egypt

Appearance: Clear, mobile liquid

Colour: Clear to pale yellow

Odour and Taste: Characteristic

<u>Parameter</u>	<u>Specification¹</u>	<u>Result</u>
Refractive Index @ 20° C:	1.532 – 1.5530	1.5403
Optical Rotation @ 20° C:	+ 10° to + 24°	+12.60
Specific Gravity @ 20° C:	0.953 – 0.980	0.9661

Chromatographic Profile

Sample	Component	Specification ¹ (%)	Result (%)
<i>Foeniculum vulgare</i>	Anethole	73- 80	76.64
	a-pinene	5- 10	7.23
	Limonene	5- 10	8.19