

Certificate Of Analysis Sheet

SWEET FENNEL
FOENICULUM VULGARE

Botanical Origin: AUSTRIA

Lot#: 005287

Extraction Method: STEAM DISTILLED

Parts Used: SEED

Quality: 100% PURE & NATURAL

Cultivation: Cultivated Beds.

Analysis Specifications

Quality Analysis Date: 10/06/19

Parameter.....	Method.....	Specification.....	Result
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Appearance.....	organoleptic.....	colorless to	yellow, mobile liquid.....
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Odor.....	organoleptic.....	characteristic.....	equivalent
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Refractive Index at 20*C..	EP 2011, 2.2.6...	1.530/1.550.....	1.5406
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Specific Gravity At 20*C..	EP 2011, 2.2.5...	0.950/0.970.....	0.9645
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Optical Rotation at 20*C..	EP 2011, 2.2.7...	+5*to +20*.....	+16.2*
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Quantitative Analysis.....	EP 2011, 2.2.28.....	(GC-Area%).....	(GC-Area%)
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alpha-Pinene.....	1/7.....	3.4
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Limonene.....	3/8.....	6.9
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Fenchone.....	max.6.....	5.6
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Methylchavicol.....	max.6.....	3.3
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cis-Anethol.....	max.0.5.....	0.07
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trans-Anethol.....	70/80.....	75.8
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Anisaldehyde.....	max.2.....	0.13
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