

Certificate of Analysis

Product:	Fennel, Sweet Essential Oil
Botanical Name:	Foeniculum vulgare
LOT #:	SFENSORG141021
Manufacturing Date:	10/21/2015
Best by Date:	10/21/2017
Extraction Method:	Steam Distilled
Part Used:	Crushed Seeds
Quality:	Pure & Natural
Cultivation:	100% Natural - Chemical & Pesticide Free
Country of Origin:	Hungary

	Specification	Result
Appearance:	Clear, colorless to pale yellow liquid	Complies
Odor:	Characteristic spicy sweet woody odor	Complies
Solubility:	Soluble in alcohol and oils, Insoluble in water	Complies
Specific Gravity:	0.953 – 0.973 @ 20°C	0.9633 (Complies)
Optical Rotation:	+12 – +24 @ 20°C	+13 (Complies)
Refractive Index:	1.528 – 1.538 @ 20°C	1.534 (Complies)

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