

# Certificate of Analysis

<b>Product:</b>	Wildcrafted Pine Essential Oil
<b>Botanical Name:</b>	Pinus sylvestris
<b>LOT #:</b>	SPINE160713
<b>Manufacturing Date:</b>	07/13/2016
<b>Best by Date:</b>	07/13/2018
<b>Extraction Method:</b>	Steam Distilled
<b>Part Used:</b>	Needles
<b>Quality:</b>	Pure & Natural
<b>Cultivation:</b>	Wildcrafted
<b>Country of Origin:</b>	Hungary

	Specification	Result
<b>Appearance:</b>	Colorless to pale yellow liquid	Complies
<b>Odor:</b>	Characteristic pine odor	Complies
<b>Solubility:</b>	Soluble in alcohol and oil, Insoluble in water	Complies
<b>Specific Gravity:</b>	0.857 – 0.885 @ 20°C	0.867 (Compiles)
<b>Refractive Index:</b>	1.469 – 1.479 @ 20°C	1.474 (Compiles)
<b>Optical Rotation:</b>	-4.0 – +10 @ 20°C	2.1 (Compiles)

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