



PRODUCT SPECIFICATION

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Product Name	Angelica Essential Oil
Botanical Name	Angelica Archangelica L.
CAS #	84775-41-7/ 8015-64-3
EC #	283-871-1
EINECS #	---
INCI Name	Angelica archangelica Root oil
INCI Description	Angelica Archangelica Root Oil is the volatile oil obtained from the roots of the Holy Ghost, Angelica archangelica L., Umbelliferae. It contains mainly D-alpha-phellandrene and cyclopentadecalactone.
Country of Origin	India
Packaging	As Per Customer Requirement

Part Used	Root
Extraction Method	Steam Distillation
Quality	100% Pure and Natural
Note Classification	Middle

Physical & Analytical Analysis	SPECIFICATIONS
Appearance	Yellow to brown
Odor	Pepper like aroma
Refractive Index @ 20°C	1.510
Specific Gravity (g/mL) @ 20°C	0.990
Optical Rotation (°)	27°
Solubility	Insoluble in water, soluble in alcohol and oils

Ingredients	Strength (%)
b-Phellandrene	10.0-24.0
a-Pinene	4.4-24.0
a-Phellandrene	7.5-20.0
(p)-Limonene	6.0-13.2
d-3-Carene	4.5-13.0
p-Cymene	3.5-9.8
b-Myrcene	1.6-5.5

(E)-b-Ocimene	2.4-4.9
Pentadecanolide	0.4-2.4
Terpinolene	0.7-2.2
(Z)-b-Ocimene	1.0-1.9
a-Copaene	0-1.9
Camphene	0.2-1.3
Sabinene	0.4-1.2
b-Pinene	0.2-1.2
a-Muurolene	0-1.2

MICROBIAL ANALYSIS	SPECIFICATIONS	STANDARDS
Aerobic Mesophilic Bacterial Count	< 100 CFU	ISO 21149
Yeast and Mould	< 10 CFU	ISO 16212
Candida albicans	ABSENT	ISO 18416
Escherichia coli	ABSENT	ISO 21150
Pseudomonas aeruginosa	ABSENT	ISO 22717
Staphylococcus aureus	ABSENT	ISO 22718

HEAVY METAL TESTS	SPECIFICATIONS	STANDARDS
Lead: Pb (mg/kg or ppm)	< 10 ppm	In House
Arsenic: As (mg/kg or ppm)	< 2 ppm	In House
Mercury: Hg (mg/kg or ppm)	< 1 ppm	In House

Note: This Product Specification Sheet was prepared in accordance with the Quality parameters taken during product manufacturing/processing to maintain the quality of the product. This Specification Sheet shows the product characteristic feature of the actual product. However you can find the detailed examination report for the respective batches in their COA.