

## TECHNICAL DATA SHEET

**Sr. No. : UL3000071-V-04**
**Issue Date: 23/03/2023**

**QUALITY CONTROL :** We declare that certificate of analysis of this material is inspected according to quality parameters as below :

<b>Item Code</b>	<b>UL3000071</b>
<b>Item Name</b>	<b>AJOWAN OIL</b>



Test Parameters	Specifications
<b>CAS #</b>	8001-99-8
<b>EINECS #</b>	294-681-3
<b>Botanical Name</b>	Trachyspermum ammi
<b>Description</b>	Yellow to Yellowish Brown liquid having characteristic odor.
<b>Origin</b>	The essential oil is obtained by steam distillation from the seeds/fruits of Trachyspermum ammi
<b>Appearance</b>	Yellow to Yellowish Brown
<b>Physical Status</b>	Liquid
<b>Flash Point (Closed cup) °C</b>	55°C
<b>Refractive Index</b>	1.498 - 1.504 @20°C
<b>Relative Density</b>	0.895 - 0.920 @25°C
<b>Optical Rotation</b>	0° to +5°
<b>Solubility in Alcohol</b>	1:3 in 80% alcohol
<b>Solubility in Water</b>	Insoluble
<b>Assay by GC</b>	Thymol: 47-57% <span style="float: right;">Gamma terpinenene: 25-30%</span> Para cymene: 9-20% <span style="float: right;">Beta pinene: 1-3%</span>
<b>Shelf Life</b>	12 months with proper storage conditions.
<b>Legislation</b>	Natural
<b>Stability</b>	Avoid strong oxidizing agents, strong acids and all oxidizing agents.
<b>Uses</b>	Fragrance and Flavour application.

<b>PACKING &amp; STORAGE</b>	Should be stored in cool, dry, well ventilated places in full, tightly sealed containers, protected from light & source of ignition.
<b>HANDLING PRECAUTION</b>	Handle in adequate ventilation, Avoid skin and eye contact, use goggles or face shield and wear protective clothing.

This is a system generated document hence need not be authenticated.

