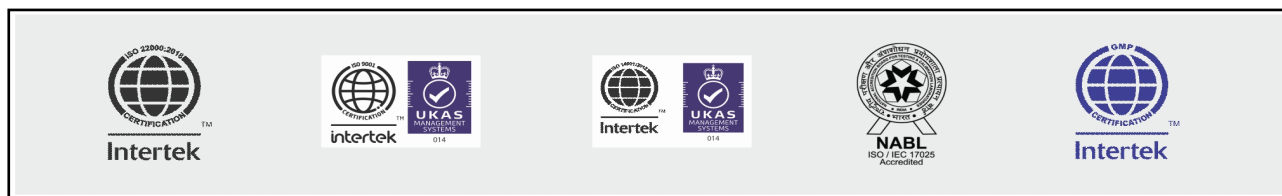


## TECHNICAL DATA SHEET

**Sr. No. : UL3000094-V-04**
**Issue Date: 20/03/2023**
**QUALITY CONTROL :** We declare that certificate of analysis of this material is inspected according to quality parameters as below :

<b>Item Code</b>	<b>UL3000094</b>
<b>Item Name</b>	<b>JUNIPER BERRY OIL</b>



Test Parameters	Specifications
<b>CAS #</b>	8002-68-4
<b>EINECS #</b>	283-268-3
<b>FEMA#</b>	2604
<b>Botanical Name</b>	Juniperus communis
<b>Description</b>	Colourless or pale green or pale yellow with fresh, warm, balsamic and sweet woody odor.
<b>Origin</b>	This essential oil is obtained by the steam distillation from crushed dried or partially dried ripe berries of Juniperus communis
<b>Appearance</b>	Colourless or pale green or pale yellow
<b>Physical Status</b>	Liquid
<b>Flash Point (Closed cup) °C</b>	49°C
<b>Refractive Index</b>	1.470 - 1.483 @20°C
<b>Relative Density</b>	0.850 - 0.880 @20°C
<b>Optical Rotation</b>	Not Determined
<b>Solubility in Alcohol</b>	1:10 in 95% alcohol
<b>Solubility in Water</b>	Insoluble
<b>Assay by GC</b>	Alpha pinene: 30-50% Limonene: 1-5% Myrcene: 20-40%
<b>Shelf Life</b>	12 months with proper storage conditions.
<b>Legislation</b>	Natural
<b>Stability</b>	Avoid strong acids strong bases & 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 with adequate ventilation Avoiding skin & eye contact. Use goggles or face shield safety gloves and wear protective clothing.

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

