

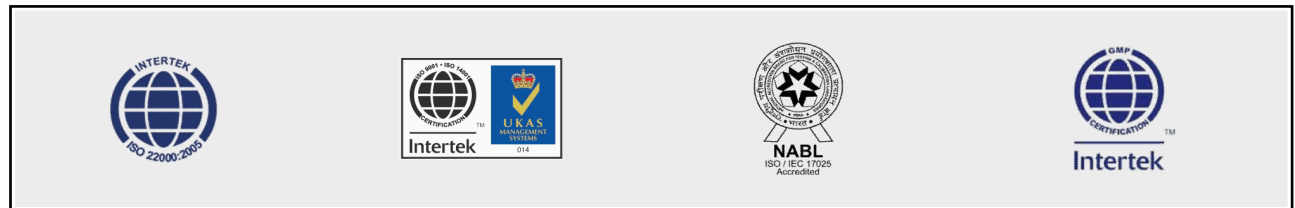
## TECHNICAL DATA SHEET

Sr. No. : RM03232-V-03

Issue Date: 21/11/2018

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

<b>Item Code</b>	<b>UIL155519</b>
<b>Item Name</b>	<b>JUNIPER BERRY OIL CO2</b>



Test Parameters	Specifications
<b>CAS #</b>	8002-68-4
<b>FEMA #</b>	2604
<b>EINECS #</b>	283-268-3
<b>Botanical Name</b>	Juniperus communis
<b>Description</b>	Pale yellow to brownish yellow mobile liquid having characteristic odor.
<b>Origin</b>	This essential oil is obtained by CO2 extraction from fruit of Juniperus communis
<b>Appearance</b>	Pale yellow to brownish yellow
<b>Physical Status</b>	LIQUID
<b>Flash Point (Closed cup) °C</b>	Ca.46°C
<b>Refractive Index</b>	1.488 - 1.516 @20°C
<b>Relative Density</b>	0.930 - 0.975 @25°C
<b>Solubility in Alcohol</b>	Soluble
<b>Solubility in Water</b>	Insoluble
<b>Assay by GC</b>	alpha Pinene: 35-48%      Limonene: 15-25% Myrcene: 1-5%              Cedrol: 2.5-8%
<b>Shelf Life</b>	12 months under proper storage conditions
<b>Legislation</b>	Natural
<b>Stability</b>	Avoid strong acids strong bases & all oxidising agents.
<b>Uses</b>	Flavour Application

<b>PACKING &amp; STORAGE</b>	Should be stored in cool, dry well ventilated places in full tightly sealed containers. Protected from light. Containers should be kept away from any 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.

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