

## TECHNICAL DATA SHEET

Sr. No. : UL3000017-V-2

Issue Date: 23/03/2023

<b>QUALITY CONTROL</b> : We declare that certificate of analysis of this material is inspected according to quality parameters as below :
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<b>Item Code</b>	<b>UL3000017</b>
<b>Item Name</b>	<b>BASIL OIL</b>



Test Parameters	Specifications
<b>CAS #</b>	8015-73-4
<b>EINECS #</b>	283-900-8
<b>FEMA#</b>	2119
<b>Botanical Name</b>	Ocimum basilicum L
<b>Description</b>	Pale yellow to amber yellow mobile liquid.
<b>Origin</b>	The essential oil is obtained by steam distillation from leaf/twig of Ocimum basilicum
<b>Appearance</b>	Pale yellow to amber yellow
<b>Physical Status</b>	Liquid
<b>Flash Point (Closed cup) °C</b>	85°C
<b>Refractive Index</b>	1.460 - 1.551 @20°C
<b>Relative Density</b>	0.906 - 0.962 @25°C
<b>Optical Rotation</b>	-6° to +7.5°
<b>Solubility in Alcohol</b>	Soluble
<b>Solubility in Water</b>	Insoluble
<b>Assay by GC</b>	Methyl chavicol: 70 - 87% <span style="float: right;">Linalool: 8 - 20%</span>
<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 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.

