

## TECHNICAL DATA SHEET

**Sr. No. : UL3000128-V-04**
**Issue Date: 27/03/2023**

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

<b>Item Code</b>	<b>UL3000128</b>
<b>Item Name</b>	<b>HOLY BASIL OIL (OCIMUM SANCTUM)</b>



Test Parameters	Specifications
<b>CAS #</b>	91845-35-1
<b>EINECS #</b>	295-208-3
<b>Botanical Name</b>	Ocimum sanctum
<b>Description</b>	Pale Yellow to Brownish Yellow clear mobile liquid with characteristic fresh and strong spicy, herbaceous odour.
<b>Origin</b>	The essential oil is obtained by steam distillation from whole plant of Ocimum sanctum.
<b>Appearance</b>	Pale Yellow to Brownish Yellow
<b>Physical Status</b>	Liquid
<b>Flash Point (Closed cup) °C</b>	96°C
<b>Refractive Index</b>	1.495 - 1.525 @20°C
<b>Relative Density</b>	0.955 - 0.985 @25°C
<b>Optical Rotation</b>	0 to -10°
<b>Solubility in Alcohol</b>	Soluble
<b>Solubility in Water</b>	Insoluble
<b>Assay by GC</b>	Eugenol: Min 35% <span style="float: right;">Beta-elemene: 5-20%</span> Trans-Caryophyllene: 18-25%
<b>Shelf Life</b>	12 months or longer under proper storage.
<b>Legislation</b>	Natural
<b>Stability</b>	Avoid strong acids, strong bases and all oxidizing agents.
<b>Uses</b>	Flavour and Fragrance application.

<b>PACKING &amp; STORAGE</b>	Should be stored in a cool, well ventilated place in fully tight sealed container protected from light. Containers should be kept away from light and sources 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.

