

## TECHNICAL DATA SHEET

**Sr. No. : UL1013974-V-04**
**Issue Date: 11/04/2023**

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

<b>Item Code</b>	<b>UL1013974</b>
<b>Item Name</b>	<b>GINGER OIL CO2</b>



Test Parameters	Specifications
<b>CAS #</b>	8007-08-7
<b>EINECS #</b>	283-634-2
<b>FEMA#</b>	2522
<b>Botanical Name</b>	Zingiber officinale
<b>Description</b>	Pale yellow to greenish yellow mobile liquid with Characteristic fresh, spicy odour.
<b>Origin</b>	This essential oil is obtained by Co2 extraction from rhizomes of Zingiber officinale.
<b>Appearance</b>	Pale yellow to greenish yellow
<b>Physical Status</b>	Liquid
<b>Flash Point (Closed cup) °C</b>	66°C
<b>Refractive Index</b>	1.485 - 1.500 @20°C
<b>Relative Density</b>	0.885 - 0.900 @25°C
<b>Optical Rotation</b>	Not Determined
<b>Solubility in Alcohol</b>	Soluble
<b>Solubility in Water</b>	Insoluble
<b>Assay by GC</b>	Zingiberene: 20-45% beta-Bisabolene: 2-10% Camphene: 2-6% alpha-Franesene: 5-15%
<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.

