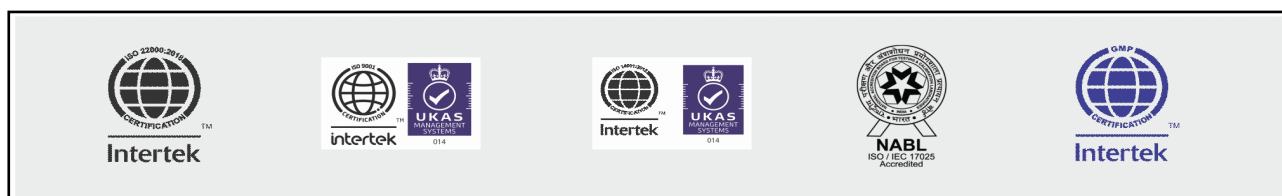


TECHNICAL DATA SHEET

Sr. No. : UL3000088-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 :

Item Code	UL3000088
Item Name	GINGER OIL



Test Parameters	Specifications
CAS #	8007-08-7
EINECS #	283-634-2
FEMA#	2522
Botanical Name	Zingiber officinale
Description	Pale yellow to amber clear mobile liquid with ginger rhizome, spicy,peppered,lemony odour
Origin	This essential oil is obtained by the steam distillation from the roots/rhizomes of Zingiber officinale
Appearance	Pale yellow to amber
Physical Status	Liquid
Flash Point (Closed cup) °C	Ca 65°C
Refractive Index	1.486 – 1.495 @ 20°C
Relative Density	0.873 – 0.885 @ 20°C
Optical Rotation	-47° to -26°
Solubility in Alcohol	Soluble
Solubility in Water	Insoluble
Assay by GC	Zingiberene: 24-40% Camphene: 2-10% Beta-Sesquiphellanchene: 5-15% Alpha-farnesene: 5-15%
Shelf Life	12 months under proper storage conditions
Legislation	Natural
Stability	Avoid strong acids strong bases and all oxidizing agents.
Uses	Flavour/ Fragrance Application

PACKING & STORAGE	Should be stored in a cool, dry well ventilated places in full tightly sealed containers protected from light.
HANDLING PRECAUTION	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.

