

TECHNICAL DATA SHEET

Sr. No. : UL3000052-V-04
Issue Date: 23/03/2023

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

Item Code	UL3000052
Item Name	TURMERIC OIL CO2



Test Parameters	Specifications
CAS #	8024-37-1
EINECS #	283-882-1
FEMA#	3086
Botanical Name	Curcuma longa
Description	Clear, yellow to dark orange coloured liquid with warm,spicy,slightly woody and turmeric aroma.
Origin	Essential Oil obtained by Super Critical Fluid Carbon dioxide extraction from dried roots of Indian plantations.
Appearance	Yellow to Dark Orange
Physical Status	Liquid
Flash Point (Closed cup) °C	66°C
Refractive Index	1.502 - 1.513 @20°C
Relative Density	0.930 - 0.945 @25°C
Optical Rotation	-38° to -1°
Solubility in Alcohol	Soluble
Solubility in Water	Insoluble
Assay by GC	Total Turmerone : 40-60% AR-Curcumene : 2-8%
Shelf Life	12 months under proper storage conditions.
Legislation	Natural
Stability	Avoid strong acids strong bases and all oxidizing agents.
Uses	Flavour and 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 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.

