

TECHNICAL DATA SHEET

Sr. No. : UL1004823-V-04

Issue Date: 15/04/2023

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

Item Code	UL1004823
Item Name	THYME OIL



Test Parameters	Specifications
CAS #	8007-46-3
EINECS #	284-535-7, 616-910-1
FEMA#	3065
Botanical Name	Trachyspermum ammi
Description	Pale yellow to yellow mobile liquid with characteristic herbal odor.
Origin	The essential oil is obtained by the steam distillation of fruits/ seeds of Trachyspermum ammi.
Appearance	Pale yellow to yellow
Physical Status	Liquid
Flash Point (Closed cup) °C	52°C
Refractive Index	1.498 - 1.504 @20°C
Relative Density	0.895 - 0.920 @25°C
Optical Rotation	-0° to +5°
Solubility in Alcohol	1:3 in 80% alcohol
Solubility in Water	Soluble
Assay by GC	Para cymene: 9-20% Thymol: 47-57% Beta pinene: 1-3% Gamma terpinenene: 25-30%
Shelf Life	12 months with proper storage conditions.
Legislation	Natural
Stability	Avoid strong acids strong bases & all oxidizing agents.
Uses	Fragrance and Flavour application.

PACKING & STORAGE	Should be stored in cool, dry, well ventilated places in full, tightly sealed containers, protected from light & source of ignition.
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.

