

TECHNICAL DATA SHEET

Sr. No. : UL3000004-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	UL3000004
Item Name	TEA TREE OIL



Test Parameters	Specifications
CAS #	68647-73-4
EINECS #	285-377-1
FEMA#	3902
Botanical Name	Melaleuca alternifolia
Description	Clear, colorless to pale yellow mobile liquid with characteristic odor.
Origin	Obtained by steam distillation from foliage and terminal branchlets of Melaleuca alternifolia.
Appearance	Colorless to pale yellow
Physical Status	Liquid
Flash Point (Closed cup) °C	47°C
Refractive Index	1.475 - 1.482 @20°C
Relative Density	0.882 - 0.904 @25°C
Optical Rotation	+5° to +15°
Solubility in Alcohol	Soluble
Solubility in Water	Insoluble
Assay by GC	Terpinen-4-ol: Min. 30% 1,8-cineole: Max. 15.0% Terpinolene: 1.5-5.0% Y-terpinene: 10.0-28.0% α-terpinene: 5.0-13.0%
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 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.

