

TECHNICAL DATA SHEET

Sr. No. : UL3000073-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	UL3000073
Item Name	NUTMEG OIL



Test Parameters	Specifications
CAS #	8008-45-5
EINECS #	282-013-3
FEMA#	2793
Botanical Name	Myristica fragrans
Description	A colorless to pale yellow liquid with spicy odour
Origin	Obtained from the steam distillation from the seeds/kernels of Myristica fragrans.
Appearance	Colorless to pale yellow
Physical Status	Liquid
Flash Point (Closed cup) °C	Ca. 43° C
Refractive Index	1.475 – 1.485 @ 20°C
Relative Density	0.885 – 0.905 @ 20°C
Optical Rotation	+6° to +18°
Solubility in Alcohol	1:3 in 90% alcohol
Solubility in Water	Insoluble
Assay by GC	alpha Pinene: 15 - 28% Myristicin: 5.0 – 12.0% Limonene: 2.0 - 7.0% Sabinene: 14 - 29% beta Pinene: 13 - 18%
Shelf Life	12 months or longer if stored properly.
Legislation	Natural
Stability	Avoid strong acids, strong bases and all oxidising agents.
Uses	Flavour/Food & 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.

