

TECHNICAL DATA SHEET

Sr. No. : UL3000166-V-04
Issue Date: 13/05/2023

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

Item Code	UL3000166
Item Name	CUMIN SEED OIL



Test Parameters	Specifications
CAS #	8014-13-9
EINECS #	283-881-6
FEMA#	2343
Botanical Name	Cuminum cyminum L.
Description	Colorless to Pale yellow mobile liquid with characteristic odor.
Origin	This essential oil is obtained by steam distillation from ripe seeds of Cuminum cyminum.
Appearance	Colorless to Pale yellow
Physical Status	Liquid
Flash Point (Closed cup) °C	48°C
Refractive Index	1.490 - 1.515 @20°C
Relative Density	0.900 - 0940 @20°C
Optical Rotation	+1° to +9°
Solubility in Alcohol	1:8 in 80% alcohol
Solubility in Water	Soluble
Assay by GC	Cuminic Aldehyde: 20 - 60% beta Pinene: 7.0 - 20% gamma Terpinene: 5 - 20% alpha Pinene: 0.3 - 2.0%
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.

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