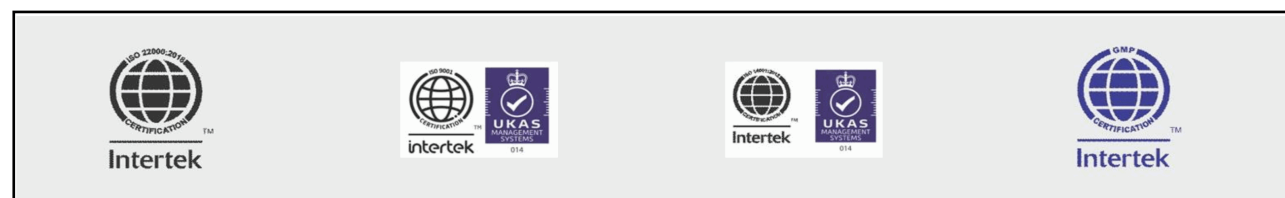


TECHNICAL DATA SHEET

Sr. No. : UL3000121-V-04
Issue Date: 01/05/2023

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

Item Code	UL3000121
Item Name	CARDAMOM OIL



Test Parameters	Specifications
CAS #	8000-66-6
EINECS #	288-922-1
FEMA#	2241
Botanical Name	Elettaria cardamomum (L.)
Description	Colorless to Pale yellow liquid having warm spicy balsam woody odor.
Origin	Obtained by the steam distillation process from the seeds of Ellettaria Cardamomum
Appearance	Colorless to Pale Yellow
Physical Status	Liquid
Flash Point (Closed cup) °C	59°C
Refractive Index	1.460 - 1.467 @20°C
Relative Density	0.920 - 0.940 @25°C
Optical Rotation	+15° to +30°
Solubility in Alcohol	Soluble
Solubility in Water	Insoluble
Assay by GC	Terpinyl acetate : 40-60% 1,8 Cineole : 10-25%
Shelf Life	12 months under proper storage conditions
Legislation	Natural
Stability	Avoid strong acids strong bases & all oxidising agents
Uses	Perfumes & fragrances

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.

