

TECHNICAL DATA SHEET

Sr. No. : FRC16976-V-03

Issue Date: 23/11/2018

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

Item Code	FRC16976
Item Name	CARDAMOM GREEN OIL CO2



Test Parameters	Specifications
CAS #	8000-66-6
FEMA #	2241
EINECS #	288-922-1
Botanical Name	Elettaria cardamomum L.
Description	Pale yellow to greenish yellow mobile liquid with the aromatic, penetrating, and somewhat camphoraceous odor of cardamom and pungent, strongly aromatic taste
Origin	The essential oil is obtained by CO2 extraction from the seed (with skin) of Ellettaria Cardamomum
Appearance	Pale yellow to greenish yellow
Physical Status	LIQUID
Flash Point (Closed cup) °C	64°C
Refractive Index	1.460 - 1.475 @20°C
Relative Density	0.930 - 0.950 @25°C
Solubility in Alcohol	Soluble
Solubility in Water	Insoluble
Assay by GC	Sabinene: 2-5% beta-myrcene: 1-3% 1,8-cineol: 25-40% Limonene: 1-3% Linalyl Acetate: 1-3% Terpinyl acetate: 40-55%
Shelf Life	12 months under proper storage conditions
Legislation	Natural
Stability	Avoid strong acids strong bases & all oxidising agents.
Uses	Fragrance and Flavour

PACKING & STORAGE	Should be stored in cool, dry well ventilated places in full tightly sealed containers. Protected from light. Containers should be kept away from any source of ignition.
HANDLING PRECAUTION	Handle with adequate ventilation Avoiding skin & eye contact. Use goggles or face shield safety gloves and wear protective clothing.

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