



Ayurama Centre

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Manufacturer Of Essential Oils

GST No.: 09AMLPK4254H1ZT

IEC : 0606003053

## Technical Data Sheet Cardamom Essential Oil

A.		General Information			
I	Product Name	Cardamom Oil			
II	Batch/ Lot No.	2442010501			
III	CAS Number	8000-66-6			
IV	Botanical Name	<i>Elettaria cardamomum</i>			
V	Family	Zingiberaceae			
VI	Country of Origin	India			
VII	Plant Part used	Seeds			
VIII	Extraction Method	Steam distillation			
IX	Shelf Life	3 years			
B.		Description & Uses			
Cardamom oil is used to make products for mouth fresheners, perfumery, and chewing gums. Cardamom oil is thought for its digestive advantages and is frequently used to relieve symptoms of indigestion, bloating, and stomach pain. It is used for its extensive flavour profile, rich taste, and numerous health benefits.					
C.		Physical Analysis Report			
		Parameter	Result		
I	Appearance	Colourless to pale yellow free flowing liquid			
II	Odour	Pleasant warm, Spicy aroma			
III	Solubility	Soluble in 90% alcohol			
IV	Flash point	51°C			
V	Boling point	N/A			
		Parameter	Minimum	Maximum	Result
VI	Specific Gravity (20°C)	0.9260	0.9470	0.9315	
VII	Refractive Index (20°C)	1.4580	1.4700	1.4648	
VIII	Optical Rotation (18.8°C)	+15°	+35°	+32.44°	
D.		Gas Chromatography Analysis Report			
		Constituents	Minimum (%)	Maximum (%)	Result (%)
I	Alpha-Terpinyl Acetate	30	50	46.59	
II	1,8-Cineole	25	40	30.39	
III	Limonene	1.2	5	2.59	
IV	Sabinene	1.0	3.5	2.30	





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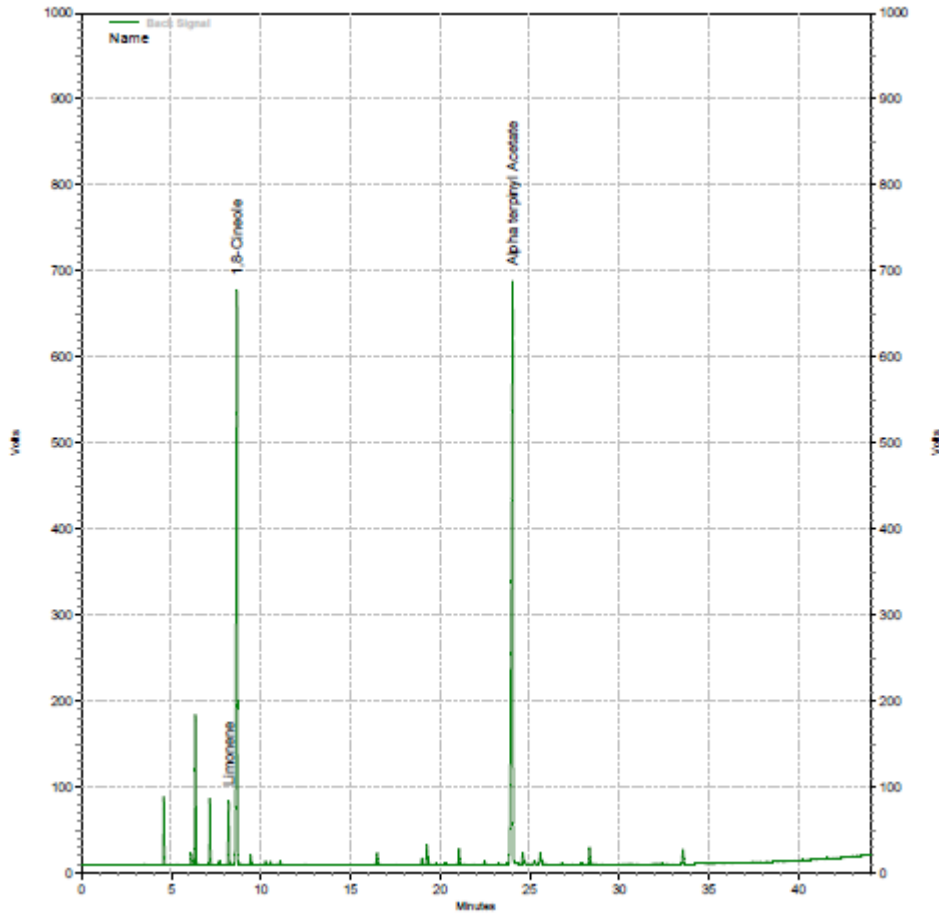
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## Chromatogram



Representative Chromatogram of Cardamom Oil (2442010501).

F.	Declaration
	This information is based upon the present state of our knowledge. The analysis and statements herein constitute the most complete information available to Ayuroma Centre.

*Kalpna*

(Dr. Kalpana Katiyar)  
Head, ATRIC

