



Ayuroma Centre

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Manufacturer Of Essential Oils

GST No.: 09AMLPK4254H1ZT

IEC : 0606003053

Technical Data Sheet Cumin Seed Essential Oil

A.		General Information			
I	Product Name	Cumin seed oil			
II	Batch/ Lot No.	2442021501			
III	CAS Number	8014-13-9			
IV	Botanical Name	<i>Cuminum Cyminum</i>			
V	Family	Apiaceae			
VI	Country of Origin	India			
VII	Plant Part used	Seed			
VIII	Extraction Method	Steam distillation			
IX	Shelf Life	3 years			
B.		Description & Uses			
Cumin seed oil is known for its digestive properties. It aids in digestion, stimulates secretion of digestive enzymes, and removes gas from the intestine and stomach. It is mostly utilised in conventional Ayurvedic medication, It is anti-tumoral, anti-inflammatory drug, an antiviral agent, digestive assistance, liver protectant and resistant stimulus.					
C.		Physical Analysis Report			
		Parameter	Result		
I	Appearance	Pale yellow to brownish yellow Clear free flowing liquid			
II	Odour	Spicy, warming			
III	Solubility	Soluble in 90% ethanol			
IV	Flash point	52.8°C			
V	Boling point	N/A			
		Parameter	Minimum	Maximum	Result
VI	Specific Gravity (20°C)	0.9050	0.9350	0.9169	
VII	Refractive Index (20°C)	1.4850	1.5150	1.5030	
VIII	Optical Rotation (23°C)	+2°	+8°	+5.04°	
D.		Gas Chromatography Analysis Report			
		Constituents	Minimum (%)	Maximum (%)	Result (%)
I	Paracymene	10	15	13.84	
II	Cumin aldehyde	25	37	35.66	
III	Caren-10-al	4	8	6.66	
IV	Gamma Terpinene	10	20	16.19	





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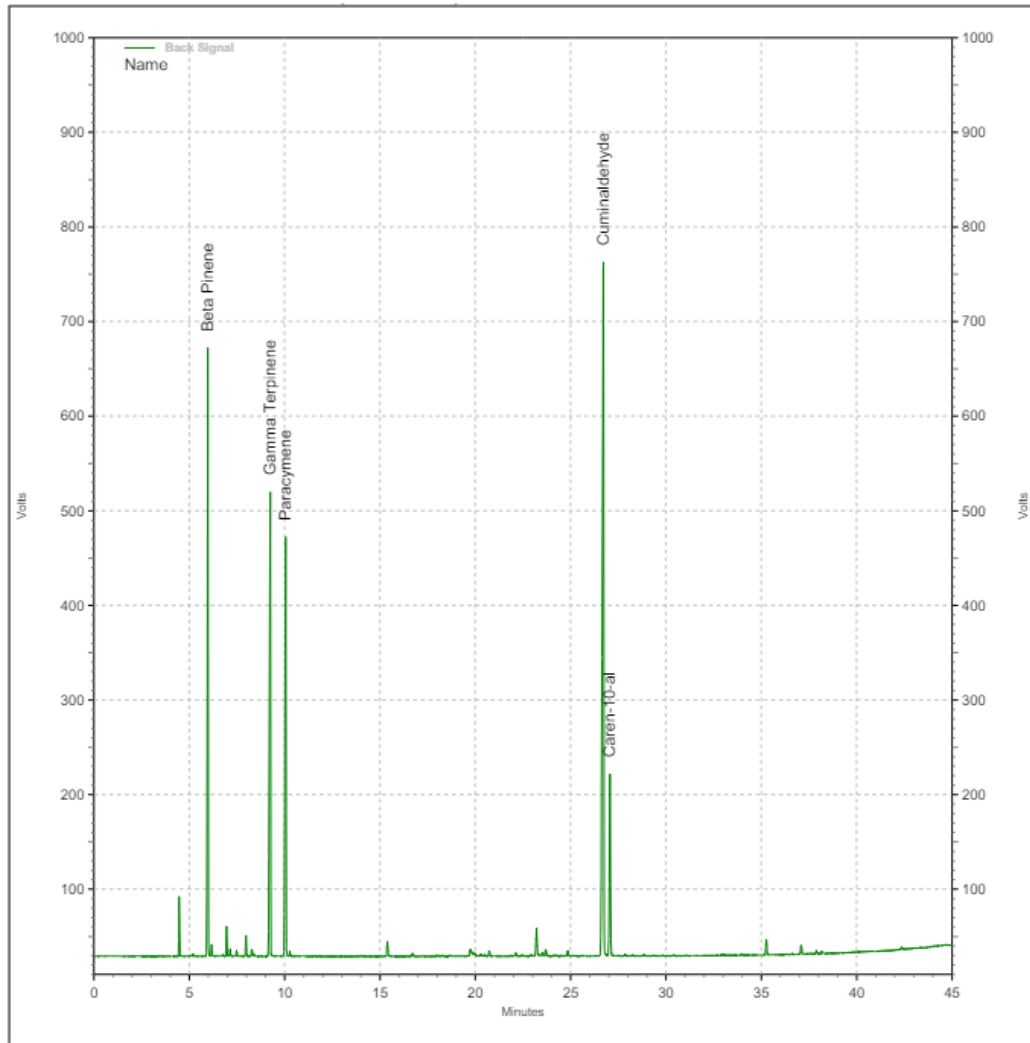
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E. Chromatogram



Representative Chromatogram of Cumin Seed Oil (2442021501).

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

