



Ayuroma Centre

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Manufacturer Of Essential Oils

GST No.: 09AMLPK4254H1ZT

IEC : 0606003053

Technical Data Sheet Ginger Essential Oil

A.		General Information			
I	Product Name	Ginger Oil			
II	Batch/ Lot No.	2442030708			
III	CAS Number	8007-08-7			
IV	Botanical Name	<i>Zingiber officinale</i>			
V	Family	Zingiberaceae			
VI	Country of Origin	India			
VII	Plant Part used	Rhizomes			
VIII	Extraction Method	Steam distillation			
IX	Shelf Life	3 years			
B.		Description & Uses			
Ginger Essential Oil's detoxifying and digestive properties. Ginger oil has a warm, spicy scent and can be used in aromatherapy and for topical applications. It has been used to treat many bacterial and fungal diseases. The oil can also be used to help soothe the symptoms of menstruation, upset stomach, headaches, and joint pain.					
C.		Physical Analysis Report			
		Parameter	Result		
I	Appearance	Yellow to brownish yellow Clear free flowing liquid			
II	Odour	Green spicy, warm gingery			
III	Solubility	Soluble in 90% ethanol			
IV	Flash point	64°C			
V	Boling point	N/A			
		Parameter	Minimum	Maximum	Result
VI	Specific Gravity (20°C)	0.8650	0.8950		0.8798
VII	Refractive Index (20°C)	1.4580	1.4997		1.4889
VIII	Optical Rotation (23.8°C)	-50°	-20°		-26.58°
D.		Gas Chromatography Analysis Report			
		Constituents	Minimum (%)	Maximum (%)	Result (%)
I	Alpha-Zingiberene	25	35		25.715
II	Beta Sesquiphellandrene	10	25		10.397
III	Farnesene	4	10		9.207
IV	Humulene	3	7		6.954





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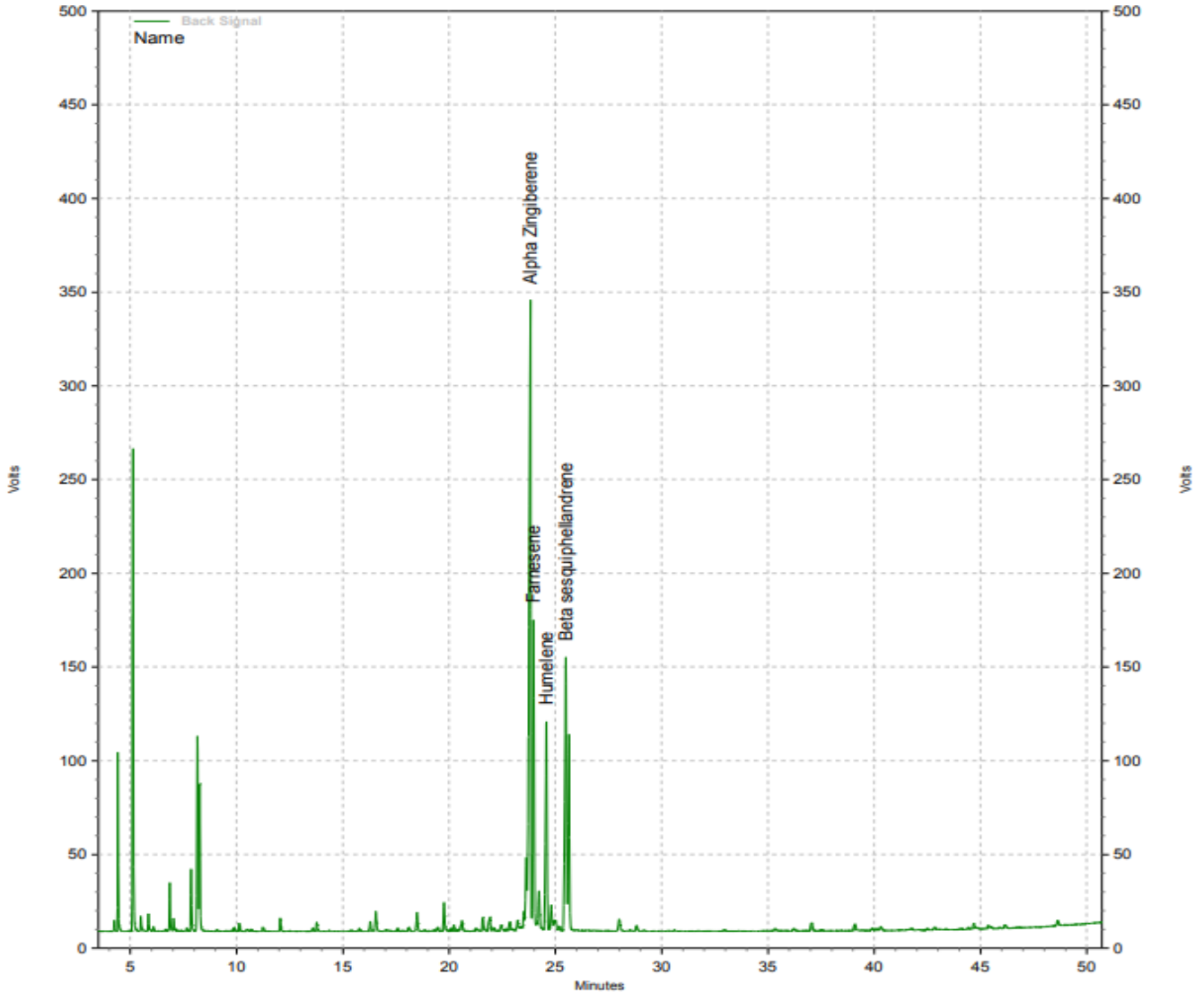
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E. Chromatogram



Representative Chromatogram of Ginger Oil (2442030708).

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

