



Ayuroma Centre

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Manufacturer Of Essential Oils

GST No.: 09AMLPK4254H1ZT

IEC : 0606003053

Technical Data Sheet

Mentha Piperita (5Furan) Essential Oil

A.	General Information			
I	Product Name	Mentha Piperita Oil (5Furan)		
II	Batch/ Lot No.	2442010902		
III	CAS Number	8006-90-4		
IV	Botanical Name	Mentha Piperita l.		
V	Family	Lamicaeae		
VI	Country of Origin	India		
VII	Plant Part used	Leaves		
VIII	Extraction Method	Steam distillation		
IX	Shelf Life	3 years		
B.	Description & Uses			
It is used for its antimicrobial, carminative properties. Mentha Piperita Oil is prized for its cooling and soothing effects on the skin, making it a popular ingredient in products like creams, balms, and shampoos. It is used to treat Fatigue, Depression, Anxiety, Headache and Stress.				
C.	Physical Analysis Report			
	Parameter	Result		
I	Appearance	Colorless to pale yellow free flowing liquid		
II	Odor	Strong herbal, minty odor		
III	Solubility	Soluble in 90% alcohol		
IV	Flash point	67°C		
V	Boling point	N/A		
	Parameter	Minimum	Maximum	Result
VI	Specific Gravity (20°C)	0.8890	0.9150	0.9052
VII	Refractive Index (18°C)	1.450	1.4700	1.4615
VIII	Optical Rotation (18.2°C)	-25°	-5°	-18.90°
D.	Gas Chromatography Analysis Report			
	Constituents	Minimum (%)	Maximum (%)	Result (%)
I	L-Menthol	25	50	29.42
II	Menthone	14	30	27.82
III	Mentha Furan	1	9	5.00
IV	Iso menthone	1.5	10	4.34

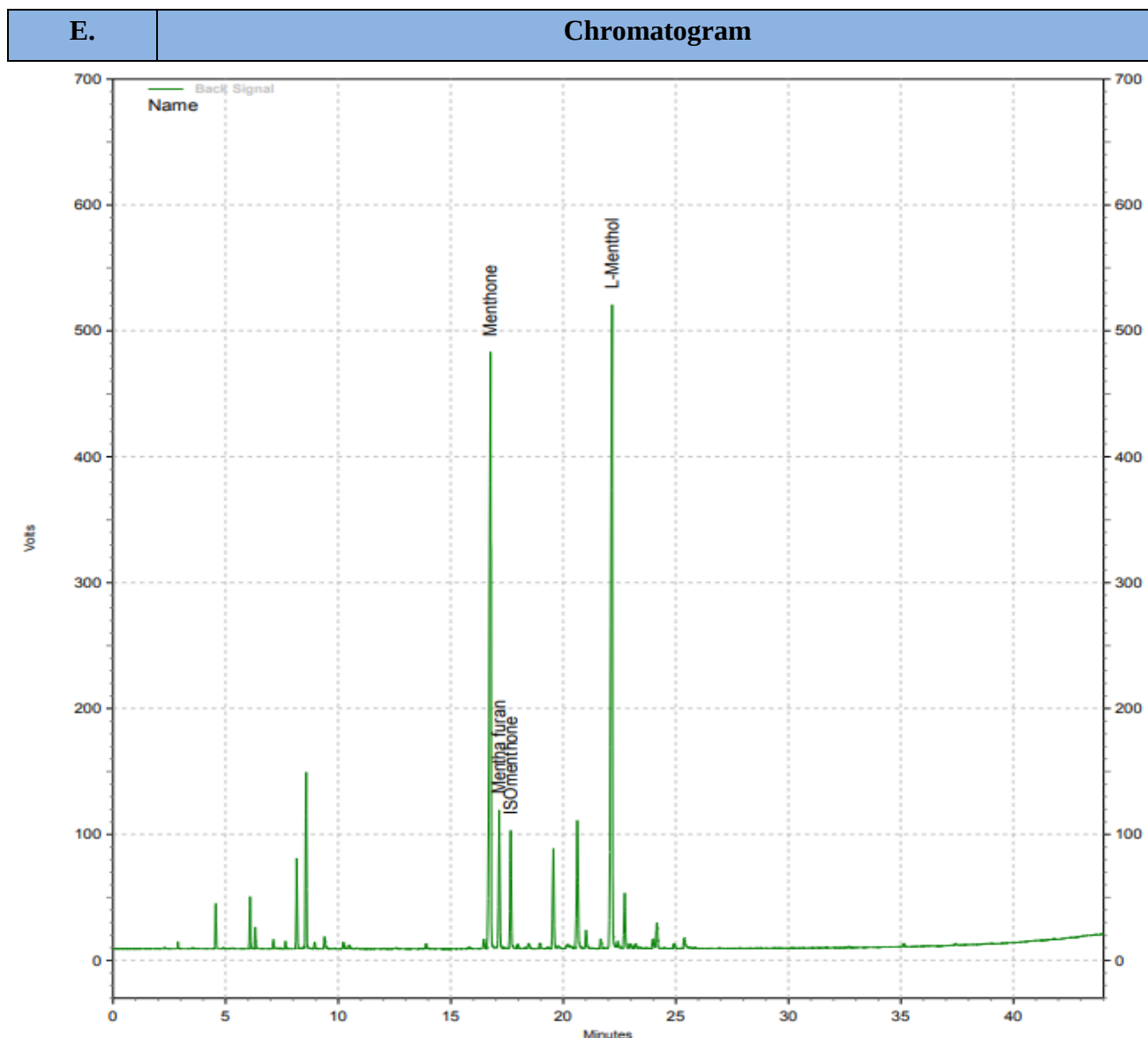
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Representative Chromatogram of Mentha Piperita (5F) Oil (2442010902).

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