



Ayuroma Centre

Ayuroma Centre

Manufacturer Of Essential Oils

GST No.: 09AMLPK4254H1ZT

IEC : 0606003053

Technical Data Sheet Tea Tree (Australian) Essential Oil

A.		General Information			
I	Product Name	Tea Tree Oil (Australian)			
II	Batch/ Lot No.	2242021402			
III	CAS Number	68647-73-4			
IV	Botanical Name	<i>Melaleuca alternifolia</i>			
V	Family	Myrtaceae			
VI	Country of Origin	Australia			
VII	Plant Part used	Leaves			
VIII	Extraction Method	Steam distillation			
IX	Shelf Life	3 years			
B.		Description & Uses			
Tea tree oil is commonly found in cosmetics, topical medicines, and household products. Tea tree oil may help relieve many types of skin inflammation, including being used as a natural eczema treatment and for reducing psoriasis.					
C.		Physical Analysis Report			
		Parameter	Result		
I	Appearance	Colourless to pale yellow clear liquid.			
II	Solubility	Soluble in 90% alcohol			
III	Flash point	55°C			
IV	Boling point	N/A			
		Parameter	Minimum	Maximum	Result
VI	Specific Gravity (20°C)	0.8850	0.9150	0.8989	
VII	Refractive Index (25°C)	1.4650	1.4850	1.4783	
VIII	Optical Rotation (21°C)	+5.0°	+15.0°	10.11°	
D.		Gas Chromatography Analysis Report			
		Constituents	Minimum (%)	Maximum (%)	Result (%)
I	Terpinen-4-ol	30	45	41.45	
II	D-Limonene	4	10	8.40	
III	Eucalyptol	0.2	3	1.82	
IV	Gamma terpinene	12	22	18.49	





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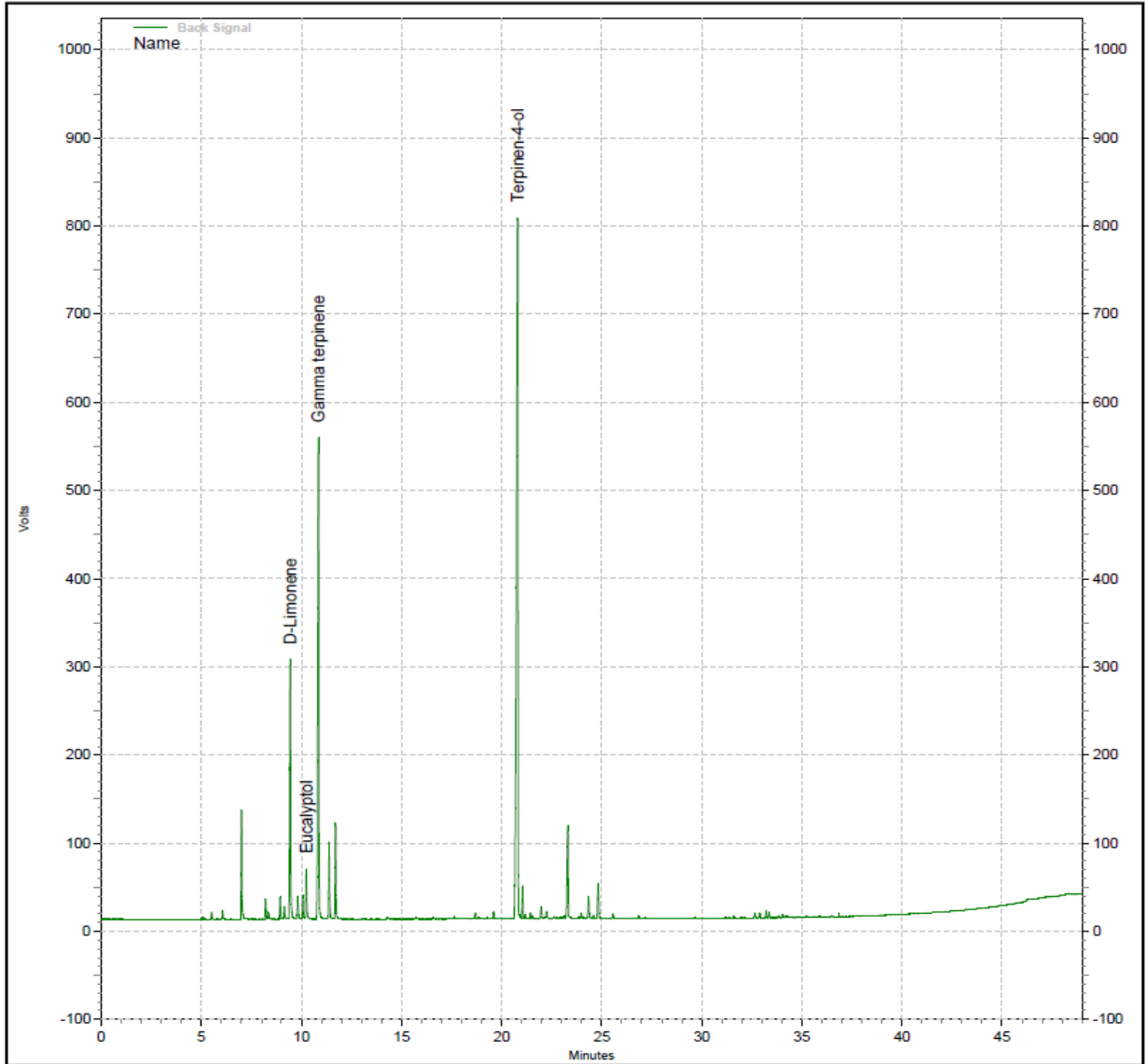
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E. Chromatogram



Representative Chromatogram of Tea Tree Oil (Australian) (2242021402).

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

