



Ayuroma Centre

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Manufacturer Of Essential Oils

GST No.: 09AMLPK4254H1ZT

IEC : 0606003053

Technical Data Sheet Clove Bud Essential Oil

A.		General Information		
I	Product Name	Clove Bud Oil		
II	Batch/ Lot No.	2342112318		
III	CAS Number	8000-34-8		
IV	Botanical Name	<i>Syzygium aromaticum</i>		
V	Family	Myrtaceae		
VI	Country of Origin	India		
VII	Plant Part used	Buds		
VIII	Extraction Method	Steam distillation		
IX	Shelf Life	3 years		
B.		Description & Uses		
The oil of clove buds is known for its antimicrobial, antifungal, antiseptic, antiviral, aphrodisiac and stimulant properties. Clove bud oil is also used to help ease respiratory problems, such as cough, colds, sinusitis, asthma and tuberculosis. Bud oil, with its strong and unique scent, is used in carnation, rose and honeysuckle perfumes.				
C.		Physical Analysis Report		
	Parameter	Result		
I	Appearance	Pale yellow to slightly brownish yellow Clear liquid		
II	Odour	Warm, spicy clove like odor		
III	Solubility	Soluble in 90% alcohol		
IV	Flash point	87.7°C		
V	Boling point	N/A		
	Parameter	Minimum	Maximum	Result
VI	Specific Gravity (20°C)	1.0300	1.0750	1.0586
VII	Refractive Index (25°C)	1.5250	1.5580	1.5345
VIII	Optical Rotation (25.6°C)	-2.0	+2.0	-0.54°
D.		Gas Chromatography Analysis Report		
	Constituents	Minimum (%)	Maximum (%)	Result (%)
I	Eugenol	70	85	80.37
II	Eugenyl Acetate	2	15	9.06
III	Beta-caryophyllene	5	25	5.85
IV	Alpha Humulene	0.3	3	0.78





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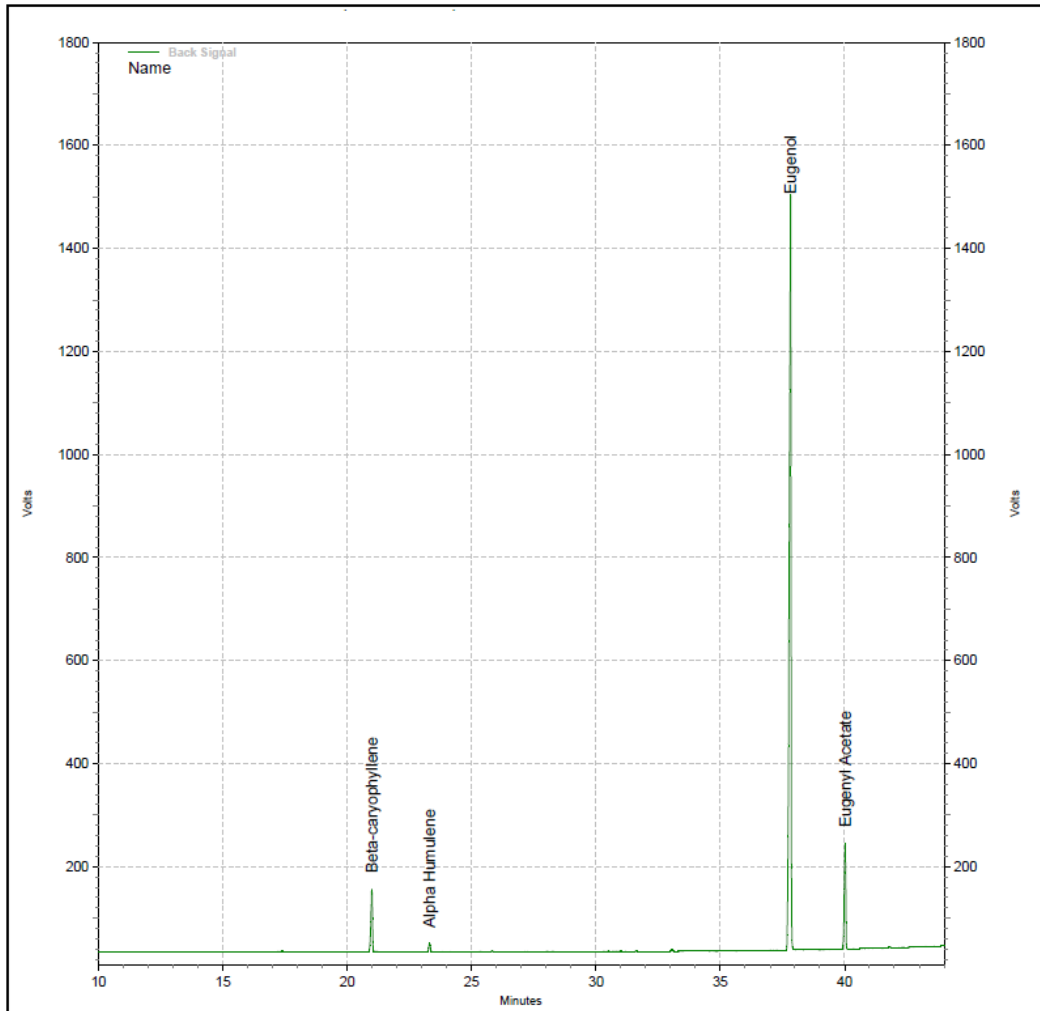
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E. Chromatogram



Representative Chromatogram of Clove Bud Oil (2342112318).

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

