



**Ayuroma Centre**

# Ayuroma Centre

*Manufacturer Of Essential Oils*

GST No.: 09AMLPK4254H1ZT

IEC : 0606003053

## Technical Data Sheet

A. GENERAL INTRODUCTION		
I	NAME OF OIL	Cardamom Oil
II	LOT NO.	2442010501
III	CAS NO.	8000-66-6
IV	BOTANICAL NAME	<i>Elettaria cardamomum</i>
V	FAMILY OF THE PLANT	<u>Zingiberaceae</u>
VI	COUNTRY OF ORIGIN	India
VII	PLANT PART USED	Seed
VIII	METHOD OF EXTRACTION	Steam Distillation
IX	SHELF LIFE	2 years

B. DESCRIPTION AND USES	
<p>Cardamom remains an important part of flavouring and traditional medicine in India, China and some Middle Eastern countries. The oil is an antiseptic, tonic, stimulant, expectorant, stomachic, antispasmodic, digestive, antimicrobial, diuretic, and carminative. Cardamom essential oil is safe for topical, aromatic, and internal use, but should still be used with caution.</p>	

C. PHYSICAL ANALYSIS REPORT		
	PARAMETERS	RESULT
I	APPEARANCE	Pale yellow to yellowish liquid, Free Flowing Liquid
II	ODOUR	Pleasant warm, Spicy aroma
III	SOLUBILITY	Soluble in 90% ethanol
IV	FLASH POINT	110°C
V	BOILING POINT	N/A

	PARAMETERS	MIN	MAX	RESULT
VI	SPECIFIC GRAVITY (20°C)	0.9260	0.9470	<b>0.9315</b>
VII	REFRACTIVE INDEX (25°C)	1.4580	1.4700	<b>1.4648</b>
VIII	OPTICAL ROTATION (25°C)	(+15°)	(+35°)	<b>+32.44°</b>

D. GAS CHROMATOGRAPHY ANALYSIS REPORT				
	CONSTITUENTS	MIN (%)	MAX (%)	RESULT (%)
I	Eucalyptol (1,8 Cineole)	25%	35%	<b>30.39</b>
II	Terpinyl Acetate	30%	50%	<b>46.59</b>

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## E. Declaration

This Essential Oil is a 100% pure and natural product and is guaranteed for its excellent quality. It does not contain any artificial ingredients or adulteration of any kind to the best of our knowledge. The analysis and statements herein constitute the most complete information available to Ayuroma Centre.

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