

Certificate of Analysis

NAME	<i>Cardamom Oil</i>
TYPE	Essential Oil
BOTANICAL NAME	Elettaria cardamomum

SHELF LIFE	2 years from the Mfg Date
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PHYSICAL APPEARANCE	Liquid	<i>Conforms</i>
COLOR	Clear to Light Pale yellow	<i>Conforms</i>
ODOR	Characteristic odor	<i>Conforms</i>
SOLUBILITY	Insoluble in water, soluble in alcohol (70%)	

Specification	Range	Results
SPECIFIC GRAVITY @20°C	0.9050 - 0.9500	Complies
REFRACTIVE INDEX @20°C	1.4500 - 1.4700	Complies
OPTICAL ROTATION @20°C	+5.0° to +20.0°	Complies
FLASH POINT	75.00° - 80.00° C	Complies

Approved By

Prakash Singh

