

Certificate of Analysis

NAME	<i>Calamus Oil</i>
TYPE	Essential Oil
BOTANICAL NAME	Acorus calamus

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

Specification	Range	Results
SPECIFIC GRAVITY @20°C	0.9570 - 1.2400	Complies
REFRACTIVE INDEX @20°C	1.5400 - 1.5900	Complies
OPTICAL ROTATION	-5.0° to +5.0°	Complies
FLASH POINT	75.00° - 80.00° C	Complies

Approved By

Prakash Singh