

**Certificate of Analysis [C.O.A ]**

<b>PRODUCT NAME</b>	Cubeb Oil	
<b>CAS Number</b>	8006-82-4	
<b>Botanical Name</b>	Piper cubeba	
<b>SOURCE</b>	Steam distillation extraction of Cubeb dried berries	
<b>PRODUCT APPEARANCE</b>	Colorless to slightly greenish	By visual inspection
<b>SOLUBILITY</b>	Soluble in alcohol and oils. Insoluble in water	
<b>Specific Gravity</b>	0.890 to 0.900 @ 25 °C	Complies
<b>Refractive Index</b>	1.40 to 1.50 @ 25 °C	Complies
<b>Optical Rotation</b>	-1° to -23° @ 25 °C	Complies
<b>Heavy metal</b>	Not more than 5ppm	
<b>Microbial Count</b>	Nil	
<b>Storage</b>	Keep in a cool, dry, dark location in a tightly sealed container	
<b>Physical Handling</b>	Avoid direct physical contact	
<b>AFLATOXINS(B1,B2,G1,G2)</b>	Nil ppb	

Lot Number :

Manufacturing Date :

December 2018

Expiry Date :

December 2020