

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

<b>PRODUCT NAME</b>	Orange Oil	
<b>CAS Number</b>	8028-48-6	
<b>Botanical Name</b>	Citrus × sinensis Rutaceae	
<b>SOURCE</b>	Cold press extraction of orange fruit fresh peels	
<b>PRODUCT APPEARANCE</b>	Light yellow to dark orange liquid	By visual inspection
<b>SOLUBILITY</b>	Soluble in alcohol and oils. Insoluble in water	
<b>Specific Gravity</b>	0.842 to 0.846 @ 25 °C	Complies
<b>Refractive Index</b>	1.4723 to 1.4737 @ 25 °C	Complies
<b>Optical Rotation</b>	+94° to +99° @ 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>COMPOSITION / MAJOR COMPONENTS DATA</b>		
d- Limonene	90%	
<b>AFLATOXINS(B1,B2,G1,G2)</b>	Nil ppb	
Lot Number :		
Manufacturing Date :	December 2018	
Expiry Date :	December 2020	