

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

<b>PRODUCT NAME</b>	Castor Oil	
<b>CAS Number</b>	8001-79-4	
<b>Botanical Name</b>	Ricinus communis	
<b>SOURCE</b>	Cold press extraction of Castor Seeds	
<b>PRODUCT APPEARANCE</b>	Pale yellow to golden yellow viscous liquid	By Visual Inspection
<b>SOLUBILITY</b>	Soluble in alcohol and oils. Insoluble in water.	
<b>Specific Gravity</b>	0.952 to 0.965@ 25 °C	Complies
<b>Refractive Index</b>	1.477 to 1.481 @ 25 °C	Complies
<b>Optical Rotation</b>	-2 to -5 @ 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>FATTY ACID COMPOSITION / MAJOR COMPONENTS DATA</b>		
Palmitic acid	0.5 –1%	
Stearic acid	0.5 –1%	
Oleic acid	2- 6%	
Linoleic acid	1- 5%	
Dihydroxystearic acid	0.3 – 0.5%	
<b>AFLATOXINS(B1,B2,G1,G2)</b>	Nil ppb	
Lot Number :		
Manufacturing Date :	December 2018	
Expiry Date :	December 2020	