



## **CERTIFICATE OF ANALYSIS**

**Product : Sunflower Oil FG**

**Grad : 62**

**Shelf Life : 24 Months**

<b>TEST</b>	<b>RESULT</b>
<b>Taste &amp; Odor</b>	Blend Taste, From Beany Free, rancid, musty or any other Objectional flavor/Odor
<b>Clarity</b>	oil shall be clear & brilliant when Held at 26-29 deg c&shall be Free From Sediment, dirt or any other foreign material
<b>Colour (lovibond scale)5 ¼ cell y +5 R</b>	3.0(Y)+0.5(5R)=5.5
<b>Moisture And insoluble impurities (% by Weight)</b>	0.0012%
<b>Free Fatty acid (%as oleic acid)</b>	0.02%
<b>Peroxide Value</b>	0.45
<b>Saponification Value</b>	191
<b>Lodine Value</b>	129.8
<b>Refractive index at 25.0c</b>	1.4686
<b>Ascorbyl PalAmitate</b>	279mg/kg
<b>Acid Value</b>	0.04
<b>Unsaponifiable Matter (%by weight)</b>	0.27%
<b>C18:2</b>	6.95%
<b>Pesticides And Insecticides</b>	complies
<b>FREE FATTY ACID PROFILE :</b>	
<b>PALMITIC</b>	<b>C 16:0 6.5</b>
<b>PALMITOLEIC</b>	<b>C 16:1 Complies</b>
<b>STEARIC</b>	<b>C 18:0 3.6</b>
<b>OLEIC C 18:1 26.5</b>	<b>C 18:1 26.5</b>
<b>LINOLEIC</b>	<b>C 18:2 61.85</b>
<b>ALPHA LINOLENIC</b>	<b>C 18:30.1</b>
<b>ICOSANOIC</b>	<b>C 20:0Complies</b>

<b>DOCOSANOIC</b>	<b>C 22:00.8</b>
<b>OTHERS</b>	<b>Complies</b>
<b>LIGNOCERIC C 24:0 0.6</b>	<b>C 24:0 0.6</b>

Compiled by:

Quality Assurance Manager

Authorized by:

Date:

Date:

Date:

## **Suyash Ayurveda**

4311/3, 1<sup>st</sup> Floor, GIDC Road No.4, Nr. Sagar Hotel, B/h Laxmi Atta, Nr. Priya Gold Biscuit Factory GIDC, Sachin- Surat  
394230(Gujarat) INDIA Mob : 9374812345, 9374612345, 9376012345 Email: [sales@suyashayurveda.com](mailto:sales@suyashayurveda.com) Website:

[www.suyashayurveda.com](http://www.suyashayurveda.com)

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