

## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	Grape Seed Oil
<b>INCI Name</b>	Vitis Vinifera Seed Oil
<b>CAS Number</b>	8024-22-4
<b>Lot Number</b>	40192210
<b>Manufacture Date</b>	09/2025
<b>Re-test Date</b>	09/2025
<b>Quality</b>	100% Pure and Natural ; Pressed and Refined

PROPERTIES	SPECIFICATIONS	RESULTS
<b>Acid Value</b>	< 0.5	0.06
<b>Iodine Value</b>	130.0 - 145-0	136.1
<b>Saponification Value</b>	185.0-200.0	190.3
<b>Peroxide Value</b>	< 2.0	0.8
<b>Colour</b>	Yellow/green	CONFORM
<b>Unsaponifiable matter</b>	< 2.0	CONFORM
<b>Density at 20°C</b>	0.920 - 0.930	0.924
<b>Cloud Point</b>	< -10	CONFORMS
<b>Pour Point</b>	< -15	CONFORMS
<b>Refractive Index</b>	1.465 - 1.475	1.470

### FATTY ACID COMPOSITION:

FATTY ACID	SPECIFICATIONS (%)	RESULTS (%)
<b>Myristic acid</b>	< 0.2	Tr.
<b>Myristic acid</b>	< 0.2	0.04
<b>Palmitic acid</b>	6.0 - 9.0	7.88
<b>Palmitoleic acid</b>	< 1.0	0.06
<b>Margaric acid</b>	< 0.1	Tr.
<b>Margaroleic acid</b>	< 0.1	Tr.
<b>Stearic acid</b>	3.0 - 6.0	5.71
<b>Oleic acid</b>	12.0 - 25.0	17.22
<b>Linoleic acid</b>	60.0 - 75.0	70.34
<b>Alpha-Linolenic acid</b>	< 1.5	0.46

**Disclaimer:** This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.

<b>Arachidic acid</b>	< 0.5	0.20
<b>Eicosenoic acid</b>	< 0.5	0.33
<b>Behenic acid</b>	< 0.3	0.12
<b>Erucic acid</b>	Tr.	Tr.

### **STABILITY AND STORAGE:**

Keep in tightly closed container in a cool and dry place, protected from sunlight. When stored for more than 24 months, quality should be checked before use.

**As it is electronically generated document, hence no signature required.**