



## GRAPE SEED OIL

### CERTIFICATE OF ANALYSIS

LOT: 06405-23

Date of Production: May, 2023  
Expiration Date: May, 2026

| Parameter                | Units                 | Limits |      | Results |      |
|--------------------------|-----------------------|--------|------|---------|------|
|                          |                       | Min    | Max  |         |      |
| FFA                      | mg KOH/g              |        | 1.0  | 0.1     |      |
| Peroxide Value           | meq/kg oil            |        | 10.0 | 1.0     |      |
| Saponification Value     | mg KOH/g              |        |      | 190     |      |
| Iodine value             | gI <sub>2</sub> /100g |        |      | 135     |      |
| Fatty Acid Composition % |                       |        |      |         |      |
| C:16                     | Palmitic              | %      | 5.5  | 11.0    | 7.2  |
| C:18                     | Stearic               | %      |      | 6.0     | 3.5  |
| C:18:1                   | Oleic                 | %      | 12.0 | 28.0    | 27.6 |
| C:18:2                   | Linoleic              | %      | 58.0 | 78.0    | 60.1 |
| C:18:3                   | Linolenic             | %      |      | 1.0     | 0.4  |

Shelf life is expected to be three years from the date of production if the product is stored in the unopened original container between 15°C - 30°C, protected from light. Because this material is sensitive to oxidation, it is saturated with nitrogen and sealed with nitrogen atmosphere for protection. If containers are opened for sampling, be sure to refill atmosphere with nitrogen. Containers that have been opened should be tested at least yearly to ensure quality. Although Zatural believes the above information to be accurate based on the information available to Zatural, it is the responsibility of the customer and user of the material to perform its own investigation and due diligence prior to use to verify that the product purchased from Zatural meets their quality requirements and is appropriate for the use to which the product is to be put. The information provided above shall be considered effective only for the lot with which the information is being provided. Use and purchase of this material is subject to Zatural standard terms and conditions, which supersede any conflicting terms contained on Buyer's purchase order or any document or instrument supplied by Buyer.