

## CERTIFICATE OF ANALYSIS

|                    |  |
|--------------------|--|
| Product            | Grapeseed Carrier Oil                  |
| INCI Name          | <i>Vitis vinifera</i>                  |
| CAS No.            | 8024-22-4                              |
| Batch No.          | ESC13281C                              |
| Extraction Method  | Cold Pressed                           |
| Part of Plant Used | Seed                                   |
| Manufacture Date   | November 2023                          |
| Retest Date        | November 2024                          |
| Storage            | Tightly closed. Keep in dry conditions |

|                          | Codex Stan 210-1999 International Standard          | Result                                       |
|--------------------------|---|--|
| Description              | A clear light green oil with a characteristic odour | A clear light green oil with almost no odour |
| Acid Value               | Maximum 4.0 KOH/g Oil                               | 0.04   |
| Peroxide Value           | 10.0 meq/kg   | 1.27   |
| Saponification Value     | 110 - 194   | 121  |
| Refractive Index @ 17 °C | 1.460 - 1.592                                       | 1.540  |
| Fatty Acid Composition   | Total Saturated (Palmitic, Stearic, Icosanoic)      | 10.4 %                                       |
|                          | Monounsaturated (Palmitoleic, Oleic, Icosenoic)     | 36.5 %                                       |
|                          | Poly unsaturated (Linoleic, Alpha Linoleinc)        | 52.1 %                                       |
| Sedimentation            | Filtration up to 10 micron                          | 10 micron                                    |

### Comments:

- Cold pressed method is used in the manufacturing process. At no stage in the manufacturing process are any solvents like hexane or acetone used to extract the oil from the seed. This results in the best quality cold pressed oils. The oil is then deodorised by physical deodorization (steam and vacuum). Resulting in a light yellowish-green clear oil.