

BOMAR

CERTIFICATE OF ANALYSIS

PRODUCT NAME: GRAPESEED OIL, REFINED

Bomar Batch: Q0802 (LOT NUMBER: LOT0016126)

PRODUCT INCI: VITIS VINIFERA SEED OIL

PRODUCT CODE: K0213

CAS NUMBER: 85594-37-2 / 84929-27-1 / 8024-22-4

EINECS NUMBER: 287-896-9 / 284-511-6

MANUFACTURING METHOD: EXPPELLER PRESSED & REFINED

MANUFACTURING DATE: 02/08/22

BEST BEFORE DATE: 02/08/24

| ANALYTICAL DETAILS | RANGE % | RESULTS |
|------------------------------|--|------------|
| APPEARANCE | LIGHT YELLOW – LIGHT GREEN OILY LIQUID | - |
| ODOUR | ODOURLESS | - |
| COLOUR LOVIBOND (5¼" CELL) | <25Y, <2.5R | 9.0Y, 0.5R |
| SPECIFIC GRAVITY @ 20°C | 0.910 – 0.930 | 0.915 |
| SAPONIFICATION VALUE | 187 - 200 | 198.0 |
| UNSATURATED MATTER | <2.0 | 1.5 |
| FREE FATTY ACID (% AS OLEIC) | <1.0 | 0.03 |
| PEROXIDE VALUE | <5.0 | 0.33 |
| IODINE VALUE | 134.0 – 146.0 | 134.69 |
| ACID VALUE | <2.0 | 0.06 |
| REFRACTIVE INDEX | 1.473 – 1.477 | 1.475 |

| FATTY ACID PROFILE | | RANGE % | RESULTS |
|--------------------|-------------|-------------|---------|
| C-CHAIN | ACID NAME | | |
| C16:0 | PALMITIC | 5.0 – 11.0 | 9.90 |
| C16:1 | PALMITOLEIC | <1.0 | 0.12 |
| C18:0 | STEARIC | 3.0 - 6.5 | 3.65 |
| C18:1 | OLEIC | 12.0 – 28.0 | 24.25 |
| C18:2 | LINOLEIC | 60.0 – 78.0 | 60.2 |
| C18:3 | LINOLENIC | < 1.5 | 1.4 |
| C20:0 | ARACHIDIC | < 1.5 | 0.28 |
| C20:1 | GADOLEIC | < 1.0 | 0.20 |
| C22:0 | BEHENIC | < 1.0 | 0.30 |

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