

# BOMAR

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME: RASPBERRY SEED OIL, COLD PRESSED**

**Bomar Batch No: Q0127** (LOT NUMBER: LOT0013416)

PRODUCT INCI: RUBUS IDAEUS SEED OIL

PRODUCT CODE: K0374

CAS NUMBER: 84929-76-0

EINECS NUMBER: 284-554-0

MANUFACTURING METHOD: COLD PRESSED

MANUFACTURING DATE: 22/10/2021

BEST BEFORE DATE: 22/04/2023

| ANALYTICAL DETAILS                       | RANGE %         | RESULTS |
|--|-----------------|---------|
| APPEARANCE                               | OILY LIQUID     | -       |
| ODOUR                                    | CHARACTERISTIC  | -       |
| COLOUR                                   | GOLDEN - YELLOW | -       |
| REFRACTIVE INDEX @ 20°C                  | 1.470 – 1.500   | 1.495   |
| SPECIFIC GRAVITY @ 20°C                  | 0.920 – 0.940   | 0.935   |
| PEROXIDE VALUE (MEQ O <sub>2</sub> / KG) | <20.0           | 2.8     |
| FREE FATTY ACID                          | <5.0            | 1.95    |
| ACID VALUE                               | <10.0           | 3.9     |

| FATTY ACID PROFILE |           | RANGE %     | RESULTS |
|--------------------|-----------|-------------|---------|
| C-CHAIN            | ACID NAME |             |         |
| C16:0              | PALMITIC  | 2.0 – 7.0   | 4.3     |
| C18:0              | STEARIC   | <4.0        | 2.2     |
| C18:1              | OLEIC     | 10.0 – 30.0 | 20.0    |
| C18:2              | LINOLEIC  | 43.0 – 62.0 | 56.5    |
| C18:3              | LINOLENIC | 10.0 – 30.0 | 14.6    |

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