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CERTIFICATE OF ANALYSIS

PRODUCT NAME & SKU: Borage Seed Oil OIL046

| CERTIFICATE OF ANALYSIS                          |  |  |
|--------------------------------------------------|--|--|
| PRODUCT NAME: BORAGE SEED OIL 22% GLA, REFINED   |  |  |
| LOT NUMBER: LOT0022425                           |  |  |
| PRODUCT INCI: BORAGO OFFICINALIS SEED OIL        |  |  |
| PRODUCT CODE: K0074                              |  |  |
| CAS NUMBER: 225234-12-8                          |  |  |
| EINECS NUMBER: NOT LISTED.                       |  |  |
| MANUFACTURING METHOD: EXPPELLER PRESSED, REFINED |  |  |
| MANUFACTURING DATE: 07/12/2023                   |  |  |
| BEST BEFORE DATE: 07/06/2025                     |  |  |

| ANALYTICAL DETAILS                       |  | RANGE %              | RESULT |
|------------------------------------------|--|----------------------|--------|
| APPEARANCE                               |  | OILY LIQUID          | -      |
| ODOUR                                    |  | ODOURLESS            | -      |
| COLOUR                                   |  | CLEAR - LIGHT YELLOW | -      |
| COLOUR LOVIBOND (GARDNER)                |  | < 7.0                | 4.0    |
| REFRACTIVE INDEX @ 20°C                  |  | 1.465 – 1.485        | 1.475  |
| SPECIFIC GRAVITY @ 20°C                  |  | 0.910 – 0.925        | 0.918  |
| PEROXIDE VALUE (MEQ O <sub>2</sub> / KG) |  | <10.0                | 1.6    |
| ACID VALUE                               |  | <1.0                 | 0.20   |
| SAPONIFICATION VALUE (MG KOH/GR)         |  | 185.0 – 200.0        | 193.0  |
| UNSAAPONIFIABLE MATTER                   |  | <2.0                 | <2.0   |
| ANISDINE VALUE                           |  | <10.0                | 4.9    |

| FATTY ACID PROFILE |                 | RANGE %     |  | RESULT |
|--------------------|-----------------|-------------|--|--------|
| C-CHAIN            | ACID NAME       |             |  |        |
| C16:0              | PALMITIC        | 5.0 – 12.0  |  | 9.0    |
| C18:0              | STEARIC         | 1.0 – 6.0   |  | 3.5    |
| C18:1              | OLEIC           | 5.0 – 22.0  |  | 13.0   |
| C18:2              | LINOLEIC        | 30.0 – 45.0 |  | 36.3   |
| C18:3              | GAMMA LINOLENIC | >22.0       |  | 22.50  |
| C20:0              | ARACHIDIC ACID  | <0.5        |  | 0.2    |
| C20:1              | EICOSENOIC ACID | 2.5 – 5.0   |  | 3.5    |
| C22:1              | ERUCIC ACID     | <3.0        |  | 0.5    |