



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME: OLIVE EXTRA VIRGIN OIL, COLD PRESSED (FOOD GRADE) ORGANIC**

**LOT NUMBER: LOT0003028**

PRODUCT INCI: OLEA EUROPAEA FRUIT OIL

PRODUCT CODE: K0316

CAS NUMBER: 8001-25-0

EINECS NUMBER: 232-277-0

MANUFACTURING METHOD: COLD PRESSED

MANUFACTURING DATE: 02/05/2019

BEST BEFORE DATE: 02/11/2020

| ANALYTICAL DETAILS      | RANGE %                  | RESULTS |
|-------------------------|--------------------------|---------|
| APPEARANCE              | OILY LIQUID              | -       |
| COLOUR                  | LIGHT GREEN – DARK GREEN | -       |
| ODOUR                   | CHARACTERISTIC           | -       |
| SPECIFIC GRAVITY @ 20°C | 0.910 – 0.920            | 0.913   |
| SAPONIFICATION VALUE    | 185.0 – 200.0            | 191.0   |
| ACID VALUE              | <3.0                     | 0.2     |
| UNSATURATED MATTER      | <1.5                     | 1.08    |
| PEROXIDE VALUE          | <20.0                    | 10.0    |
| FREE FATTY ACID         | <1.5                     | -       |

| FATTY ACID PROFILE |                         | RANGE %     | RESULTS |
|--------------------|-------------------------|-------------|---------|
| C-CHAIN            | ACID NAME               |             |         |
| C14:0              | MYRISTIC                | <0.05       | 0.01    |
| C16:0              | PALMITIC                | 7.0 – 14.0  | 12.48   |
| C16:1              | PALMITOLEIC             | <4.0        | 1.7     |
| C18:0              | STEARIC                 | 0.5 - 5.0   | 2.82    |
| C18:1              | OLEIC                   | 55.0 – 85.0 | 69.45   |
| C18:2              | LINOLEIC                | 3.5 – 21.0  | 9.89    |
| C18:3              | GAMMA LINOLENIC         | <1.0        | 0.69    |
| C20:0              | ICOSANOIC               | <0.6        | 0.42    |
| C20:1              | ICOSENOIC               | <1.0        | 0.23    |
| <b>C22:0</b>       | DOCOSANOIC              | <0.2        | 0.1     |
| C24:0              | TRANSOLEIC ISOMERS      | <0.05       | -       |
| <b>C24:0</b>       | TRANSLINOLEIC & ISOMERS | <0.05       | -       |

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