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## CERTIFICATE OF ANALYSIS

### PRODUCT NAME:

## CERTIFICATE OF ANALYSIS

LOT NUMBER: LOT0012765

PRODUCT NAME: PAPAYA SEED OIL, REFINED

PRODUCT INC: CARICA PAPAYA SEED OIL

PRODUCT CODE: K0336

CAS NUMBER: 84012-30-6

EINECS NUMBER: 281-675-0

MANUFACTURING METHOD: EXPPELLER PRESSED & REFINED

MANUFACTURING DATE: 12/06/22

BEST BEFORE DATE: 12/06/24

| ANALYTICAL DETAILS           | RANGE %              | RESULTS    |
|------------------------------|----------------------|------------|
| APPEARANCE                   | OILY LIQUID          | -          |
| COLOUR                       | LIGHT YELLOW - GREEN | -          |
| COLOUR (LOMBOND)             | <50y, 5.0r           | 1.6y, 1.0r |
| ODOUR                        | ODOURLESS            | -          |
| RELATIVE DENSITY @ 20°C      | 0.915 – 0.940        | 0.920      |
| SAPONIFICATION VALUE         | 180.0 – 200.0        | 190.0      |
| UNSATURATED MATTER           | <1.5                 | 0.5        |
| FREE FATTY ACID (% AS OLEIC) | <0.4                 | 0.1        |
| PEROXIDE VALUE               | <10.0                | 1.0        |
| IODINE VALUE                 | 75 – 90              | 81.0       |

| FATTY ACID PROFILE |             | RANGE %     | RESULTS |
|--------------------|-------------|-------------|---------|
| C-CHAIN            | ACID NAME   |             |         |
| C12:0              | LAURIC      | <0.1        | <0.1    |
| C14:0              | MYRISTIC    | <0.2        | <0.2    |
| C16:0              | PALMITIC    | 14.0 – 16.0 | 15.8    |
| C16:1              | PALMITOLEIC | <1.0        | 0.2     |
| C18:0              | STEARIC     | 2.0 – 5.0   | 3.2     |
| C18:1              | OLEIC       | 67.0 – 78.0 | 68.2    |
| C18:2              | LINOLEIC    | 5.0 – 15.0  | 10.8    |
| C18:3              | LINOLENIC   | <0.5        | 0.2     |
| C20:0              | ARACHIDIC   | <1.0        | 0.3     |
| C20:1              | EICOSAENOIC | <1.0        | 0.2     |
| C22:0              | BEHNIC      | <1.0        | 0.5     |
| C24:0              | LIGNOCERIC  | <0.5        | 0.1     |