

CERTIFICATE OF ANALYSIS

PRODUCT NAME: SESAME SEED OIL, REFINED

Bomar: P0737 (LOT0010540)

PRODUCT INCI: SESAMUM INDICUM SEED OIL

PRODUCT CODE: K0420

CAS NUMBER: 8008-74-0

EINECS NUMBER: 232-370-6

MANUFACTURING METHOD: COLD PRESSED & REFINED

MANUFACTURING DATE: 26/02/2021

BEST BEFORE DATE: 26/02/2023

| ANALYTICAL DETAILS | RANGE % | RESULTS |
|------------------------------|----------------------|---------|
| APPEARANCE | OILY LIQUID | - |
| COLOUR | CLEAR - LIGHT YELLOW | - |
| ODOUR | ODOURLESS | - |
| SPECIFIC GRAVITY @ 20°C | 0.916 – 0.923 | 0.917 |
| REFRACTIVE INDEX @ 20°C | 1.472 – 1.477 | 1.472 |
| SAPONIFICATION VALUE | 188.0 – 195.0 | 191.0 |
| UNSATURATED MATTER | <2.0 | 0.5 |
| FREE FATTY ACID (% AS OLEIC) | <2.0 | 0.05 |
| PEROXIDE VALUE | <10.0 | 0.5 |
| IODINE VALUE | 100 - 110 | 110 |
| ACID VALUE | <4.0 | 0.1 |

| FATTY ACID PROFILE | | RANGE % | RESULTS |
|--------------------|-------------|-------------|---------|
| C-CHAIN | ACID NAME | | |
| C16:0 | PALMITIC | 7.0 – 12.0 | 10.4 |
| C16:1 | PALMITOLEIC | <0.5 | 0.2 |
| C18:0 | STEARIC | 3.5 - 6.5 | 3.9 |
| C18:1 | OLEIC | 35.0 – 50.0 | 42.2 |
| C18:2 | LINOLEIC | 35.0 – 55.0 | 54.5 |
| C18:3 | LINOLENIC | <1.0 | 0.2 |
| C20:0 | ARACHIDIC | <1.0 | 0.4 |
| C20:1 | EICOSENOIC | <0.5 | 0.2 |
| C22:0 | BEHENIC | <0.5 | 0.4 |

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