

BOMAR

CERTIFICATE OF ANALYSIS

PRODUCT NAME: **JOJOBA SEED OIL, REFINED**

Bomar Batch Number: P1060 (LOT NUMBER: LOT0012086)

PRODUCT INCI: SIMMONDSIA CHINENSIS SEED OIL

PRODUCT CODE: K0237

CAS NUMBER: 90045-98-0

EINECS NUMBER: 289-964-3

MANUFACTURING METHOD: COLD PRESSED & REFINED

MANUFACTURING DATE: 14/06/2021

BEST BEFORE DATE: 14/06/2023

| ANALYTICAL DETAILS | RANGE % | RESULTS |
|------------------------------|----------------------|---------|
| APPEARANCE | OILY LIQUID | - |
| COLOUR | CLEAR – LIGHT YELLOW | - |
| COLOUR (GARDNER) | <8.0 | 0.1 |
| ODOUR | ODOURLESS | - |
| SPECIFIC GRAVITY @ 20°C | 0.863 – 0.873 | 0.867 |
| REFRACTIVE INDEX @ 20°C | 1.465 – 1.467 | 1.467 |
| SAPONIFICATION VALUE | 85.0 – 98.0 | 92.3 |
| UNSAAPONIFIABLE MATTER | 45.0 – 55.0 | 45.6 |
| FREE FATTY ACID (% AS OLEIC) | <1.0 | 0.06 |
| PEROXIDE VALUE | <2.0 | 0.0 |
| IODINE VALUE | 80 - 92 | 82.8 |
| ACID VALUE | <1.0 | 0.12 |

| FATTY ACID PROFILE | | RANGE % | RESULTS |
|--------------------|-------------|-------------|---------|
| C-CHAIN | ACID NAME | | |
| C16:0 | PALMITIC | <3.0 | 1.19 |
| C16:1 | PALMITOLEIC | <1.0 | <0.1 |
| C18:1 | OLEIC | 5.0 – 15.0 | 11.85 |
| C20:1 | EICOSENOIC | 60.0 – 80.0 | 70.13 |
| C22:0 | BEHENIC | < 1.0 | <0.1 |
| C22:1 | ERUCIC | 10.0 – 20.0 | 14.65 |
| C24:1 | NERVONIC | <3.0 | 1.8 |

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