



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME: JOJOBA SEED OIL GOLDEN, COLD PRESSED ORGANIC**

**LOT NUMBER: LOT0002211**

PRODUCT INCI: SIMMONDSIA CHINENSIS SEED OIL

PRODUCT CODE: K0236

CAS NUMBER: 90045-98-0

EINECS NUMBER: 289-964-3

MANUFACTURING METHOD: COLD PRESSED

MANUFACTURING DATE: 17/01/2019

BEST BEFORE DATE: 17/07/2020

| ANALYTICAL DETAILS      | RANGE %          | RESULTS |
|-------------------------|------------------|---------|
| APPEARANCE              | OILY LIQUID      | -       |
| COLOUR                  | YELLOW - GOLDEN  | -       |
| ODOUR                   | ALMOST ODOURLESS | -       |
| SPECIFIC GRAVITY @ 20°C | 0.860 – 0.880    | 0.867   |
| REFRACTIVE INDEX @ 20°C | 1.455 – 1.475    | 1.466   |
| SAPONIFICATION VALUE    | 85.0 – 99.0      | 94      |
| UNSAPONIFIABLE MATTER   | 45.0 – 55.0      | 47.4    |
| PEROXIDE VALUE          | <20.0            | 2.0     |
| IODINE VALUE            | 80 - 95          | 83      |
| ACID VALUE              | <5.0             | 0.19    |

| FATTY ACID PROFILE |             | RANGE %     | RESULTS |
|--------------------|-------------|-------------|---------|
| C-CHAIN            | ACID NAME   |             |         |
| C16:0              | PALMITIC    | <3.5        | 1.3     |
| C16:1              | PALMITOLEIC | <1.0        | 0.3     |
| C18:0              | STEARIC     | <5.0        | 0.1     |
| C18:1              | OLEIC       | 5.0 – 15.0  | 11.5    |
| C20:1              | GADOLEIC    | 65.0 – 85.0 | 71.3    |
| C22:0              | BEHENIC     | < 1.0       | 0.2     |
| C22:1              | ERUCIC      | 10.0 – 25.0 | 13.0    |
| C24:1              | NERVONIC    | <3.0        | 1.3     |

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