



# RV INTERNATIONAL

Essential Oils Manufacturer & Bulk Supplier in India

GST NO. 06BGIPG9360E1ZF

Address: Opposite Sudhanshu Maharaj Ashram, Shiv Mandir, Nimbri, Panipat, Haryana 132104

## CERTIFICATE OF ANALYSIS (COA)

### SECTION 1: PRODUCT IDENTIFICATION

**PRODUCT NAME:** MANGO SEED CARRIER OIL

**BOTANICAL NAME:** Mangifera indica

**PLANT PART / TYPE:** Seed Kernel (Cold Pressed)

**CAS No.:** 90063-86-8

**BATCH NO.:** MGCO-101

**MFG DATE:** May 2026

**SHELF LIFE:** 2 Years from Date of Manufacturing

**COUNTRY OF ORIGIN:** India

### SECTION 2: QUALITY PARAMETERS

| SR. NO. | PARAMETER            | SPECIFICATION                    | RESULT   | METHOD          |
|---------|----------------------|----------------------------------|----------|-----------------|
| 01      | Appearance           | Clear Liquid Oil                 | Complies | Visual          |
| 02      | Color                | Pale Yellow to White             | Complies | Visual          |
| 03      | Odor                 | Mild, Faintly Sweet, Mango-Nutty | Complies | Organoleptic    |
| 04      | Specific Gravity     | 0.910 - 0.925 g/ml               | Complies | Hydrometer      |
| 05      | Refractive Index     | 1.458 - 1.462 (@40°C)            | Complies | Refractometer   |
| 06      | Acid Value           | $\leq 5.0$ mg KOH/g              | Complies | Titrimetric     |
| 07      | Iodine Value         | 35 - 60 g I <sub>2</sub> /100g   | Complies | Titrimetric     |
| 08      | Saponification Value | 185 - 195 mg KOH/g               | Complies | Titrimetric     |
| 09      | Moisture Content     | $\leq 0.2\%$                     | Complies | Karl Fischer    |
| 10      | Peroxide Value       | $\leq 10$ meq/kg                 | Complies | Titrimetric     |
| 11      | Stearic Acid (C18:0) | 38 - 50%                         | Complies | GC-MS           |
| 12      | Heavy Metals (Pb)    | $\leq 10$ ppm                    | Complies | ICP-OES         |
| 13      | Microbial (TPC)      | $\leq 10^2$ CFU/ml               | Complies | USP <2021>      |
| 14      | IFRA Compliance      | Compliant                        | Complies | IFRA Guidelines |

### SECTION 3: STORAGE & HANDLING

Store in a cool, dry, well-ventilated area away from direct sunlight. Keep tightly sealed. Recommended storage temperature: below 25°C.

### SECTION 4: DECLARATION & AUTHORISATION

This Certificate of Analysis is issued on the basis of tests conducted on the above batch. The product meets the stated specifications as per internal quality control procedures.

**Tested By:** Rajesh Kumar

**Person Incharge:** Golden Kumar Pandit

**Company:** RV International | RVOrganica

**Date:** May 2026



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