



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: JAMAICAN BLACK CASTOR OIL

BOTANICAL NAME: Ricinus communis

PLANT PART / TYPE: Seed (Roasted & Cold Pressed — Jamaican Process)

CAS No.: 8001-79-4

BATCH NO.: JBCO-101

MFG DATE: May 2026

SHELF LIFE: 2 Years from Date of Manufacturing

COUNTRY OF ORIGIN: India / Jamaica

SECTION 2: QUALITY PARAMETERS

| SR. NO. | PARAMETER | SPECIFICATION | RESULT | METHOD |
|---------|--------------------|------------------------------|----------|-----------------|
| 01 | Appearance | Viscous Liquid Oil | Complies | Visual |
| 02 | Color | Dark Brown to Black | Complies | Visual |
| 03 | Odor | Smoky, Earthy, Nutty Roasted | Complies | Organoleptic |
| 04 | Specific Gravity | 0.955 - 0.975 g/ml | Complies | Hydrometer |
| 05 | Refractive Index | 1.476 - 1.481 | Complies | Refractometer |
| 06 | Acid Value | ≤ 5.0 mg KOH/g | Complies | Titrimetric |
| 07 | Hydroxyl Value | 155 - 177 mg KOH/g | Complies | Titrimetric |
| 08 | Ricinoleic Acid | $\geq 82\%$ | Complies | GC-MS |
| 09 | Moisture Content | $\leq 0.3\%$ | Complies | Karl Fischer |
| 10 | Peroxide Value | ≤ 10 meq/kg | Complies | Titrimetric |
| 11 | Heavy Metals (Pb) | ≤ 10 ppm | Complies | ICP-OES |
| 12 | Pesticide Residues | Complies EU MRL | Complies | GC-MS |
| 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



+91 8937003005

www.rvorganica.com



info@rvorganica.com

Opp. Sudhanshu Ashram, Nimbri, Panipat, Haryana 132104