



# 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:** SESAME CARRIER OIL

**BOTANICAL NAME:** Sesamum indicum

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

**CAS No.:** 8008-74-0

**BATCH NO.:** SSCO-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 Golden Yellow	Complies	Visual
03	Odor	Mild, Nutty, Warm Sesame	Complies	Organoleptic
04	Specific Gravity	0.912 - 0.924 g/ml	Complies	Hydrometer
05	Refractive Index	1.470 - 1.475	Complies	Refractometer
06	Acid Value	$\leq 2.0$ mg KOH/g	Complies	Titrimetric
07	Iodine Value	103 - 116 g I <sub>2</sub> /100g	Complies	Titrimetric
08	Saponification Value	186 - 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	Sesamol Content	Present (Characteristic)	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



+91 8937003005

www.rvorganica.com



info@rvorganica.com

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