



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: CARROT SEED CARRIER OIL
BOTANICAL NAME: Daucus carota
PLANT PART / TYPE: Seed (Cold Pressed)
CAS No.: 8015-88-1
BATCH NO.: CRCO-101
MFG DATE: May 2026
SHELF LIFE: 1 Year 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	Deep Orange to Red-Orange	Complies	Visual
03	Odor	Earthy, Slightly Rooty, Woody	Complies	Organoleptic
04	Specific Gravity	0.905 - 0.920 g/ml	Complies	Hydrometer
05	Refractive Index	1.468 - 1.475	Complies	Refractometer
06	Acid Value	<= 3.0 mg KOH/g	Complies	Titrimetric
07	Iodine Value	100 - 130 g I2/100g	Complies	Titrimetric
08	Saponification Value	185 - 200 mg KOH/g	Complies	Titrimetric
09	Moisture Content	<= 0.2%	Complies	Karl Fischer
10	Peroxide Value	<= 10 meq/kg	Complies	Titrimetric
11	Beta-Carotene	Present (Characteristic)	Complies	GC-MS
12	Heavy Metals (Pb)	<= 10 ppm	Complies	ICP-OES
13	Microbial (TPC)	<=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 15°C. Refrigerate after opening.

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