



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: KALONJI CARRIER OIL

BOTANICAL NAME: Nigella sativa

PLANT PART / TYPE: Seed (Cold Pressed)

CAS No.: 90064-32-7

BATCH NO.: KLCO-101

MFG DATE: May 2026

SHELF LIFE: 2 Years from Date of Manufacturing

COUNTRY OF ORIGIN: India / Middle East

SECTION 2: QUALITY PARAMETERS

SR. NO.	PARAMETER	SPECIFICATION	RESULT	METHOD
01	Appearance	Clear Liquid Oil	Complies	Visual
02	Color	Pale Yellow to Amber-Brown	Complies	Visual
03	Odor	Pungent, Spicy, Black Seed	Complies	Organoleptic
04	Specific Gravity	0.910 - 0.930 g/ml	Complies	Hydrometer
05	Refractive Index	1.468 - 1.474	Complies	Refractometer
06	Acid Value	≤ 3.0 mg KOH/g	Complies	Titrimetric
07	Iodine Value	100 - 130 g I ₂ /100g	Complies	Titrimetric
08	Saponification Value	185 - 200 mg KOH/g	Complies	Titrimetric
09	Moisture Content	$\leq 0.2\%$	Complies	Karl Fischer
10	Peroxide Value	≤ 10 meq/kg	Complies	Titrimetric
11	Thymoquinone Content	$\geq 0.5\%$	Complies	GC-MS
12	Heavy Metals (Pb)	≤ 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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