



# 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:** WHEAT GERM CARRIER OIL  
**BOTANICAL NAME:** Triticum vulgare / Triticum aestivum  
**PLANT PART / TYPE:** Germ (Cold Pressed)  
**CAS No.:** 68917-73-7  
**BATCH NO.:** WGCO-101  
**MFG DATE:** May 2026  
**SHELF LIFE:** 1 Year from Date of Manufacturing  
**COUNTRY OF ORIGIN:** India / Europe

### SECTION 2: QUALITY PARAMETERS

SR. NO.	PARAMETER	SPECIFICATION	RESULT	METHOD
01	Appearance	Clear Liquid Oil	Complies	Visual
02	Color	Deep Yellow to Orange-Brown	Complies	Visual
03	Odor	Strong, Wheaty, Slightly Fatty	Complies	Organoleptic
04	Specific Gravity	0.918 - 0.934 g/ml	Complies	Hydrometer
05	Refractive Index	1.474 - 1.478	Complies	Refractometer
06	Acid Value	$\leq 6.0$ mg KOH/g	Complies	Titrimetric
07	Iodine Value	115 - 135 g I <sub>2</sub> /100g	Complies	Titrimetric
08	Saponification Value	180 - 200 mg KOH/g	Complies	Titrimetric
09	Moisture Content	$\leq 0.2\%$	Complies	Karl Fischer
10	Peroxide Value	$\leq 10$ meq/kg	Complies	Titrimetric
11	Vitamin E Content	$\geq 100$ mg/100g	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 15°C. Refrigerate after opening — oxidises quickly. Use within 12 months.

### 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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