



# 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:** SIBERIAN FIR NEEDLE CARRIER OIL  
**BOTANICAL NAME:** Abies sibirica  
**PLANT PART / TYPE:** Needle / Twig infused in Sunflower / Coconut base oil  
**CAS No.:** 8021-28-1  
**BATCH NO.:** SFCO-101  
**MFG DATE:** May 2026  
**SHELF LIFE:** 2 Years from Date of Manufacturing  
**COUNTRY OF ORIGIN:** India / Russia

### SECTION 2: QUALITY PARAMETERS

SR. NO.	PARAMETER	SPECIFICATION	RESULT	METHOD
01	Appearance	Clear Liquid Oil	Complies	Visual
02	Color	Pale Yellow to Greenish Yellow	Complies	Visual
03	Odor	Fresh, Crisp, Forest-Like Fir Needle	Complies	Organoleptic
04	Specific Gravity	0.910 - 0.930 g/ml	Complies	Hydrometer
05	Refractive Index	1.468 - 1.475	Complies	Refractometer
06	Acid Value	$\leq 3.0$ mg KOH/g	Complies	Titrimetric
07	Iodine Value	90 - 120 g I <sub>2</sub> /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	$\leq 10$ meq/kg	Complies	Titrimetric
11	Bornyl Acetate 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



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