



# RV INTERNATIONAL

Pure Essentials, Naturally Crafted

GST NO: 06BGIPG9360E1ZF

Opp. Sudhanshu Maharaj Ashram, Shiv Mandir, Nimbri, Panipat, Haryana 132104

## CERTIFICATE OF ANALYSIS

Pomegranate Seed Carrier Oil

Product Name	Pomegranate Seed Carrier Oil
Botanical Name	Punica granatum
CAS No	84961-57-9
Batch No	PMCO-101
MFG Date	April 2026
Shelf Life	2 Years
Country of Origin	India
Extraction Method	Cold Press from Pomegranate (Punica granatum) Seeds

### QUALITY PARAMETERS

Parameter	Specification / Result
Appearance	Clear to Slightly Turbid Liquid
Color	Pale Yellow to Golden Yellow
Odor	Mild, Characteristic, Slightly Earthy-Nutty
Specific Gravity @ 25°C	0.924 – 0.934 g/ml
Refractive Index @ 25°C	1.472 – 1.480
Moisture Content	≤ 0.3%
Acid Value	≤ 3.0 mg KOH/g
Saponification Value	170 – 195 mg KOH/g
Peroxide Value	≤ 10 meq O <sub>2</sub> /kg
Iodine Value	155 – 175 g I <sub>2</sub> /100g
Unsaponifiable Matter	≤ 2.5%
Flash Point	> 285°C
Solubility	Insoluble in Water; Miscible in Fixed Oils
GC Compliance	Complies with Pomegranate Seed Oil Standards

### MAJOR CONSTITUENTS

Punicic Acid (CLnA, Omega-5)	65 – 80%
Linoleic Acid (Omega-6)	4 – 8%
Oleic Acid (Omega-9)	4 – 8%
Stearic Acid	2 – 5%
Palmitic Acid	2 – 5%



# RV INTERNATIONAL

Pure Essentials, Naturally Crafted

GST NO: 06BGIPG9360E1ZF

Opp. Sudhanshu Maharaj Ashram, Shiv Mandir, Nimbri, Panipat, Haryana 132104

Phytosterols (Beta-Sitosterol)	Present
Natural Tocopherols (Vit E)	Present
Ellagic Acid & Punicalagins	Trace (in seed-derived fractions)

## STORAGE & REMARKS

Storage	Store in a cool, dry place below 25°C, away from direct sunlight. Refrigerate after opening
Packaging	As Per Requirement
Result	PASS — Conforms to Specified Standards
Remarks	Premium cold-pressed carrier oil. Rich in rare Punicic Acid (CLnA Omega-5). Excellent for
Tested By	Rajesh Kumar — Quality Control
Incharge	Golden Kumar Pandit — RV International