

PRODUCT SPECIFICATION

Product Name: Kalonji Carrier Oil
COA Code: PNP/ Kalonji /08
CAS Number: 90064-32-7
Expiry Date: Two years from mfg

CHARACTERISTICS SPECIFICATIONS

Plant Origin: NIGELLA SATIVA
Country of Origin: India
Extraction Method: Cold Pressed
Plant parts used: Seeds
Color & Appearance: Pale yellow to dark brown liquid
Odor Characteristic: Woody, musky warm & sweet aroma
Refractive Index (25⁰C): 1.473 nD
Specific Gravity @25⁰C: 0.913
Saponification Value: 196
Fatty Acid Composition: Palmitic Acid (12.40%), Palmitoleic Acid (0.15%), Stearic Acid (2.58), Oleic Acid (21%), Myristic Acid (0.20%), Linoleic Acid (62.30%), Llinolenic Acid (0.25%), Eicosadic Acid (0.85%)
Other properties: Acid Value (0.81), Iodine Value (128)
Other specifications: No animal fat and heavy metals detected.
Solubility: Slightly Soluble in oil, alcohol and other organic solvents, Insoluble in water
Storage: Store in cool, dry place, away from light, in tightly sealed containers
Shelf Life: 24 months from manufacturing if stored properly

All the fatty acids tested as per Indian Standards referred in IS: 548-(P-III)-1976 RA: 2021.

Since it is an herbal product, there is likely to be minor color variation from batch to batch because of the seasonal variations of the raw materials. Color change will not affect the quality and efficiency of the product.

PNP validate that at the time of the testing /retesting this product confirmed to the information produced in this document. See our website for additional details and other product details.

Plant Origin