

## PRODUCT SPECIFICATION

Product Name: Grapeseed Carrier Oil  
COA Code: PNP/ Grapeseed /08  
CAS Number: 8024-22-4  
Expiry Date: Two years from mfg

## CHARACTERISTICS SPECIFICATIONS

Plant Origin: VITIS VINIFERA  
Country of Origin: Chile  
Extraction Method: Cold Pressed  
Plant parts used: Seeds  
Color & Appearance: Pale yellow to green color liquid  
Odor Characteristic: Earthy, herbal, oily aroma  
Refractive Index (25<sup>0</sup>C): 1.473 nD  
Specific Gravity @25<sup>0</sup>C: 0.917  
Saponification Value: 192  
Fatty Acid Composition: Palmitic Acid (02%), Stearic Acid (2.5%), Oleic Acid (22%), Linolenic Acid (58%), Total Saturated Fatty Acid (10%)  
Other properties: Acid Value (<0.7), Iodine Value (129)  
Flash Point: >130<sup>0</sup>C  
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