

# Organic Cranberry Seed Oil

## COMPOSITION

This product is 100% Organic Cranberry Seed Oil produced without the use of excipients or additives.

## INCI NAME AND CAS NO.

INCI Name: *Vaccinium macrocarpon* (Cranberry) Seed Oil  
CAS no.: 91770-88-6

## SPECIFICATIONS – PERSONAL CARE

Appearance: Free flowing, light to dark gold colored oil with slight green tint  
Odor: Characteristic  
Country of Origin: USA  
Feedstock Region of Origin: USA, Canada  
Aerobic Plate Count: nmt 100 cfu/g  
Yeast & Mold: nmt 100 cfu/g  
E. Coli: Not detected

## TYPICAL VALUES\*

<b>Saponification</b>	<b>194 mg KOH/g</b>	<b>Fatty Acid Profile</b>	<b>% by weight</b>
		Alpha Linolenic Acid (Omega 3)	27 – 34%
<b>Specific Gravity</b>	<b>0.925 – 0.935</b>	Linoleic Acid (Omega 6)	30 – 35%
		Oleic (Omega 9)	17 – 22%
<b>Vitamin E</b>		Palmitic Acid	03 – 07%
Alpha-Tocopherol	6.52 mg/100g	<b>Carotenoids</b>	
Beta-Tocopherol	0.425 mg/100g	trans-Lutein	9.35 µg/g
Gamma-Tocopherol	8.26 mg/100g	trans-Zeaxanthin	1.69 µg/g
Delta-Tocopherol	0.517 mg/100g	alpha-Cryptoxanthin	0.10 µg/g
alpha-Tocotrienol	12.9 mg/100g	beta-Cryptoxanthin	0.14 µg/g
beta-Tocotrienol	0.304 mg/100g	trans-beta-Carotene	0.68 µg/g
gamma-Tocotrienol	109 mg/100g	cis-beta-Carotene	0.25 µg/g
delta-Tocotrienol	1.96 mg/100g		

\* Please note that these values are taken from a representative lot of material. Botanic Innovations does not test for these values on every lot of material, and they are subject to change.

### STORAGE

For best shelf-life preservation, keep product sealed and store in a dry, cool place, preferably room temperature (75°) or cooler, and away from light.

### SHELF LIFE

When kept under optimal storage conditions and in the original containers, the shelf life of this material is expected to be 2 years.

### PACKAGING

This product is packaged in 1 gallon, 5 gallon, and 30 gallon containers.

### GRAS

This product is a pure food, processed using our NatureFRESH Cold Press™ Technology. As a pure food, this product is considered a natural food product and is regulated by the Food and Drug Administration (FDA) and not required to have GRAS (generally recognized as safe) status.

### FOOD GRADE

Botanic Innovations, LLC produces their products in a food grade facility subject to inspection by the FDA and the WI Dept. of Agriculture, Trade and Consumer Protection Division of Food Safety. We follow GMPs in the manufacture, holding, and distributions of this product. This product is produced without the use of any excipients or processing aides, rendering it a non-chemically altered version of its seed base. This allows us to declare that the product has been in the food supply since before October 15, 1994 and therefore not a "New Dietary Ingredient". This product is safe for human consumption based on the aforementioned conditions.

### CMR SUBSTANCES

We certify to the best of our knowledge this product does not contain any EU ECHA SVHCs (substances of very high concern: in accordance with Article 59(10) of the REACH Regulation) or any substances classified as CMRs (Carcinogens, Mutagens, and/or Reprotoxic substances) as outlined in the EU Cosmetic Regulation (EC) No 1223/2009.

### GMO

This product is GMO free.

### BSE AND TSE

All bulk agricultural ingredients produced and sold by Botanic Innovations LLC are free from Transmissible Spongiform Encephalopathy (TSE) and Bovine Spongiform Encephalopathy (BSE). The transportation, storage, and manufacturing processes of Botanic Innovations LLC do not allow these ingredients to come in contact with animal products or materials of animal origin of any kind.

### ALLERGENS

Botanic Innovations is a food allergen-free facility. A full allergen statement is available upon request.

### NANO-TECHNOLOGY

This product has been manufactured without the use of any kind of Nanotechnology and does not contain ingredients resulting therefrom.

### IRRADIATION & SEWER SLUDGE

This product has not been subjected to irradiation or radioactivity, nor treated with sewage sludge.

### PROP 65

This product is expected to be devoid of the materials in the Californian Safe Program Proposition 65.

### RESPONSIBLE SOURCING STATEMENT

This product is produced under safe conditions in compliance with social and environmental rules by authorized suppliers using voluntary labor.

### KOSHER

This product is Kosher Certified.

### HALAL

This product is Halal compliant.

### TRANSPARENCY

When necessary, we partner with suppliers and farmers whose practices align with our exacting quality standards and test the material to ensure it meets our specifications.

### SOURCING

In instances when material is sourced from vetted partners, the country of origin is subject to change.