

## CERTIFICATE OF ANALYSIS

**Product Name:** Cranberry Seed Oil Virgin Organic

**Botanical Name:** Vaccinium macrocarpon

**CAS Number:** 91770-88-6

**EC Number:** 294-875-8

**Plant Part Used:** Seeds

**Origin:** USA

**Lot #** BPCCSOVO122025

**Retest Date:** December 2028

Test Parameter	Specification	Result
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Appearance:	Olive green to golden liquid	Conforms
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Color:	Olive to Greenish Yellow	Conforms
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Odor:	Characteristic, mild, fatty	Conforms
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Specific Gravity (20°C)	0.910 – 0.930	
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Refractive Index (20°C)	1.470 – 1.490	
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Acid Value:	≤ 5.0 mg KOH/g	
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Peroxide Value:	≤ 10.0 meq O <sub>2</sub> /kg	
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Saponification Value:	180 – 210 mg KOH/g	
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Iodine Value	140 – 200 g I <sub>2</sub> /100g	
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Moisture Content	≤ 0.20%	
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Unsaponifiable Matter	≤ 3.0%	
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Fatty Acid	Typical Range (%)	
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Palmitic Acid (C16:0)	4.0 – 8.0	
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Stearic Acid (C18:0)	1.0 – 3.0	
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Oleic Acid (C18:1)	15.0 – 25.0	
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Linoleic Acid (C18:2, Omega-6)	30.0 – 40.0	
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Alpha-Linolenic Acid (C18:3, Omega-3)	25.0 – 35.0	
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Arachidic Acid (C20:0)	≤ 2.0	
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This product is a 100% pure and natural product. It does not contain any artificial ingredients or adulteration of any kind to the best of our knowledge. The analysis and statements herein constitute the most complete information available to Botanic Planet Canada Inc. Please refer to all relevant technical information specific to the product, prior to use. This information contained in this material safety Data sheet is obtained from current and reliable sources. As an ordinary or otherwise user(s) of this product is outside the control of Botanic Planet Canada Inc., no representation or warranty, expressed or implied is made as to the effect(s) of such use (s) (including damages or injury) or any obtained. Botanic Planet Canada Inc. expressly disclaims responsibility as to the ordinary or otherwise uses. Furthermore, Botanic Planet Canada Inc. makes no claims as to the fitness for any use, and you should consider nothing contained herein as a recommendation. The Liability of botanic Planet Canada Inc. is limited to the value of the goods and does not include any consequential loss. In the event of any dispute, the Customer hereby agrees that Jurisdiction is limited to the province of Ontario Canada.

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