

## Certificate of Analysis

**Product:** Ethyl Alcohol (95% VOL)

**Composition:** Alcohol and Distilled Water

**Lot No:** BPCEA9542025

**Best Before:** June 2030

**Origin:** Canada

Measure Description	Method Description	Specification	Results
Density (in air), Kg/L, at 20°C	Methods specified in the Revenue Canada Customs & Excise Alcoholometric Tables	0.8097 to 0.8103	0.80995
Ethyl Alcohol Content, v/v%	Methods specified in the Revenue Canada Customs & Excise Alcoholometric Tables	94.90 to 95.15	95.09
IDENTIFICATION A - Specific Gravity at 15.56°C	Current USP	0.812 to 0.816	0.8156
IDENTIFICATION B - Infrared Absorption	Current USP	Conforms to standard	Conforms
Acidity or Alkalinity	Current USP	1mL of 0.01N NaOH in 20mL sample produces pink colour	Meets test requirements
Nonvolatile Residue, g/100mL	Current USP	NMT 0.0025	0.0000
Clarity of Solution	Current USP	Sample Solution A and Sample Solution B show the same clarity as that of water or their opalescence is not more pronounced than that of Standard Suspension A	Meets test requirements
Colour of Solution	Current USP	The Sample Solution has the appearance of water or is not more intensely coloured than the Standard Solution	Meets test requirements
UV Absorbance - Spectrometer at 240nm	Current USP	NMT 0.40	0.178
UV Absorbance - Spectrometer at 250nm	Current USP	NMT 0.30	0.068
UV Absorbance - Spectrometer at 260nm	Current USP	NMT 0.30	0.021
UV Absorbance - Spectrometer at 270nm	Current USP	NMT 0.10	0.004
UV Absorbance - Spectrometer at 340nm	Current USP	NMT 0.10	0.000
UV Absorbance - Smoothness of UV Curve	Measured in a 5cm cell from 235nm to 340nm	The spectrum shows a steadily descending curve with no observable peaks or shoulders	Conforms
GC - Acetaldehyde + Acetal, ppm (µL/L)	GC Analysis	NMT 10	0.6
GC - Methanol, ppm (µL/L)	GC Analysis	NMT 75	0.0
Identification Test C (Limit of Methanol)	Current USP	NMT 200µL/L (200ppm) of methanol	Conforms
GC - Benzene, ppm (µL/L)	GC Analysis	NMT 2	0.0
GC - Sum of All Impurities, ppm (µL/L)	GC Analysis	NMT 300	2.2

This product is a 100% pure and natural. It does not contain any artificial ingredients or adulteration of any kind to the best of our knowledge and specifications. 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 container 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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