

## Quality Department - Product Specification

Date Printed: 9/19/2025 12:08:08 PM

Page: 1 of 1

ETHYL ALCOHOL 95% (Non-GMO Project Verified)

Measure Description	Method Description	Specification
Density (in air), Kg/L, at 20°C	Methods specified in the Revenue Canada Customs & Excise Alcoholometric Tables	0.8103 max.
Ethyl Alcohol Content, v/v%	Methods specified in the Revenue Canada Customs & Excise Alcoholometric Tables	95.0 to 95.2
Acids as Acetic Acid, g/100mL	Current ASTM D1613	0.0020 max.
UV Absorbance - Spectrometer at 240nm	Current USP	0.40 max.
UV Absorbance - Spectrometer at 250nm	Current USP	0.30 max.
UV Absorbance - Spectrometer at 260nm	Current USP	0.30 max.
UV Absorbance - Spectrometer at 270nm	Current USP	0.10 max.
UV Absorbance - Spectrometer at 340nm	Current USP	0.10 max.
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
GC - Acetaldehyde, ppm (µL/L)	GC Analysis	2 max.
GC - Methanol, ppm (µL/L)	GC Analysis	40 max.
GC - Isopropanol, ppm (µL/L)	GC Analysis	20 max.
GC - n-Propanol, ppm (µL/L)	GC Analysis	20 max.
GC - Benzene, ppm (µL/L)	GC Analysis	Not Detected
GC - Fusel Oils (C4 and above), ppm (µL/L)	GC Analysis	5 max.

### Comments:

Grain Ethanol

### Specification:

QCSPEC #: QSPEC000486, Version #: QV000000, Approver: SHANNON.SMITH, Effective Date: 14-Jul-2025