

## Quality Department - Product Specification

Date Printed: 16/09/2019 8:47:09 AM

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Brampton - DENATURED ETHYL ALCOHOL DA-2A 95%

| Measure Description             | Method Description   | Specification  |
|---------------------------------|--|----------------|
| Density (in air), Kg/L, at 20°C | Methods specified in the Revenue Canada Customs & Excise Alcoholometric Tables | 0.8106 max.    |
| Methanol Content, v/v%          | GC Analysis  | 13.70 +/- 0.75 |
| Ethyl Acetate Content, v/v%     | GC Analysis  | 0.85 +/- 0.10  |
| Ethyl Alcohol Content, v/v%     | Calculation  | 80.20 min.     |
| Acids as Acetic Acid, g/100mL   | Current ASTM D1613   | 0.0030 max.    |
| Colour, APHA                    | In-house Method  | 5 max.         |
| Miscibility with Water          | Visual   | Complete       |

### Comments:

Composition:  
approx. 85.5% v/v ethyl alcohol 95%  
13.7 +/- 0.75% v/v methanol  
0.85% +/- 0.1% v/v ethyl acetate

### Specification:

QCSPEC #: QSPEC000045, Version #: QV000000, Approver: KAITLIN.SMITH, Effective Date: 16-Sep-2019