

| <b>CARBON FILTERED NEUTRAL GRAIN SPIRITS 96%</b> |  |                       |                      |
|--|--|-----------------------|----------------------|
| <b>Test</b>                                      | <b>Method</b>  | <b>Units</b>          | <b>Specification</b> |
| Strength @ 20°C                                  | Methods specified in the Revenue Canada Customs and Excise Alcoholometric Tables | % vol/vol @ 20°C      | 96.100 to 96.700     |
| Density @ 20°C                                   | Methods specified in the Revenue Canada Customs and Excise Alcoholometric Tables | Kg/L @ 20°C           | 0.8033 to 0.8061     |
| Acidity as Acetic Acid                           | ASTM D1613-96  | mg/100 ml             | 2.0 max              |
| Acetaldehyde                                     | GC Analysis  | ppm (v/v)             | 5 max                |
| Methanol   | GC Analysis  | ppm (v/v)             | 75 max               |
| Propanols  | GC Analysis  | ppm (v/v)             | 20 max               |
| Fusel Oils (C4 and above)                        | GC Analysis  | ppm (v/v)             | 5 max                |
| Spectrometer @ 240 nm                            | measured in a 5cm cell from 235nm to 340nm                                       |                       | 0.40 max             |
| Spectrometer @ 250-260 nm                        | measured in a 5cm cell from 235nm to 340nm                                       |                       | 0.30 max             |
| Spectrometer @ 270-340 nm                        | measured in a 5cm cell from 235nm to 340nm                                       |                       | 0.10 max             |
| Smoothness of UV curve                           | Curve drawn through absorbance points is smooth                                  |                       | Smooth               |
| Visual Appearance                                | Visual   |                       | Clear water white    |
| Odour  | CAI Method   | Typical Neutral Grain | Pass                 |
|  |  | Reference Number:     | FM-QA-P000NGCF       |
|  |  | Approved by:          | R.G.                 |
|  |  | Effective Date:       | 06/Sep/2018          |
|  |  | Revision Number:      | 0                    |