



50 Old Kings Highway North • Darien, CT 06820

## SPECIFICATION SHEET

### 190 PROOF NON-GMO SUGAR CANE ALCOHOL

PROPERTY	METHOD	UNITS	SPECIFICATION
<b>Chemical Composition</b>			
Ethanol	AOAC	vol %	95.0-96.5
Higher alcohols	GLC	ppm	5 max
Aldehydes	GLC	ppm	5 max
Iso-Propanol	GLC	ppm	5 max
Methanol	GLC	ppm	10 max
Esters	GLC	ppm	5 max
Acidity as Acetic Acid	ASTM D1613	ppm	10 max
Benzene	UV*		negative
Cyclo-hexane	GLC		negative
Glycerine	UV*		negative
Furfural	UV*		negative
Sulphur	ASTM D3120 M		negative
Alkalinity	ASTM D1614		negative
<b>Physical Properties</b>			
Density @ 60 °F	ASTM D4052	kg/l	0.816 max
Residue on evaporation	ASTM D1353	ppm	10 max
Permanganate time, @ 60°F	ASTM D1363	minutes	40 min
Water miscibility	ASTM D1722		Complete
Colour	ASTM D1209	apha	5 max
Aspect	Visual		Clear & exempt from material in suspension

\* The absorbance at 220, 230, 240, 270, and 300nm shall not exceed 0.20, 0.10, 0.05, 0.02, and 0.01 respectively.