

Certificate of Analysis
Biodiesel B100

Date: December 14, 2011

Batch Number: 20111207-1

Bar Code:



PROPERTY	ASTM METHOD	SPECIFICATION	RESULT
Flash Point	D93	93 min. °C	129 °C
Free Glycerin	D6584	0.020 max. %	< 0.001 %
Total Glycerin	D6584	0.240 max. %	0.223%
Moisture	D2709	0.050 max. % vol	< 0.01 % vol
Acid Number	D664	0.50 max. mg KOH/g	0.11 mg KOH/g
Sulfur (S 15 Grade)	D5453	0.0015 max. % mass	N.D.
Oxidation Stability	EN14112	3 hours minimum	4.0 hours
Cold Soak		Max 360 seconds	103 Seconds
Cloud Point	D2500	Report. °C	0° C

Typical results based upon historical analysis

PROPERTY	ASTM METHOD	SPECIFICATION	RESULT
Kinematic Viscosity, 40 C	D445	1.9 – 6.0. mm ² /sec	4.21 cst
Sulfated Ash	D874	0.02 max. % mass	N.D.
Copper Strip Corrosion	D130	No. 3 max	1A
Cetane Number	D613	47 min	51
Carbon Residue	D4530	0.05 max. % mass	N.D.
Phosphorus Content	D4951	0.001 max. % mass	< 0.001 % mass
Distillation, T90 AET	D1160	360 max. °C	339.2 °C

By: _____
Triangle Biofuels Industries, Inc.