

Certificate of Analysis
Biodiesel B100

Date: September 8, 2010

Batch Number: 20100830-1

Bar Code:



PROPERTY	ASTM METHOD	SPECIFICATION	RESULT
Flash Point	D93	93 min. °C	>150 ° C
Free Glycerin	D6584	0.020 max. %	0.0012 %
Total Glycerin	D6584	0.240 max. %	0.23%
Moisture	D2709	0.050 max. % vol	0.001 % vol
Acid Number	D664	0.50 max. mg KOH/g	0.29 mg KOH/g
Sulfur (S 15 Grade)	D5453	0.0015 max. % mass	0.0002 % mass
Oxidation Stability	EN14112	3 hours minimum	4.9 hours
Cold Soak		Max 360 seconds	106 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	4.40 cst
Sulfated Ash	D874	0.02 max. % mass	0.002 %
Copper Strip Corrosion	D130	No. 3 max	1A
Cetane Number	D613	47 min	51
Carbon Residue	D4530	0.05 max. % mass	0.0039 % mass
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.