

FUTURE FUEL™

CHEMICAL COMPANY

Superior chemistry. Sustainable fuels.

Tellurian Biodiesel

C/O Truck/Rail Handling

Zone 3 Track 767

WARM SPRINGS CA 92401

UNITED STATES OF AMERICA

Certificate of Analysis	
Date	12/21/2007
Purchase order item/date	
Delivery item/date	
Order item/date	
Customer Material Number	

Material: Our / Your reference
P3014400 BIODIESEL (100%), BU

Batch 6F71119000

Vehicle Id: *ACFX 94912*

Seal Numbers:

Characteristic	Unit	Value	Lower Limit	Upper Limit
Free Glycerin	%	0.000		0.020
Total Glycerin	%	0.055		0.240
Acid number		0.16		0.50
Flash Point	°C	> 130	130	
Cloud Point	-	4 °C		
* Phosphorous Content	Wt%	0.000		0.001
* Kinematic Viscosity, 40C	N/mm ²	4.1	1.9	6.0
* Distill. Temp., AET, 90% Rec.	NU	352		360
Water and Sediment	%	< 0.005		0.050
Visual Appearance	NU	1		2
* Carbon Residue	%	0.000		0.050
* Cetane Number	NU	52	47	
* Copper Corrosion	NU	1		3
* Sulfated Ash	%	0.007	0.000	0.020
Sulfur	ppm	2	0	15
* Sodium & Potassium	ppm	< 1		5
* Calcium & Magnesium	ppm	< 1		5
Oxidation Stability, Hrs.	NU	> 3.0	3.0	

* Typical results - value from previous full specification testing.

Water by KF 0.02%

Allan W. McSpadden

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Phone: 870-698-5629 Fax: 870-698-5537

Quality Assurance Department
FutureFuel Chemical Company