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CERTIFICATE OF ANALYSIS

Report Date: 10-30-09

Customer's P.O. Number:

Customer Name:	
	Johnson Biofuels
	4700 Powerline Rd, Fort Lauderdale, FL 33309
Product Code	Description:
B100	FAME B100 Biodiesel Mixture

Ship To:	
Sample ID:	Gallons:
Sample #2	

Driver's Signature _____ Date: _____

Received by: _____ Date: _____

ASTM D6751 Plus+

<u>Property</u>	<u>Method</u>	<u>Units</u>	<u>Limits</u>	<u>Actual</u>
Free Glycerin	D - 6584	Mass %	0.02 max.	0.002
Total Glycerin	D - 6584	Mass %	0.24 max.	0.191
Moisture (Karl Fisher)	D - 6304	PPM	Report	1365
Water & Sediment	D - 2709	Volume %	0.05 max.	0.00
Acid Number	D - 664	mg KOH/g	0.50 max.	0.16
Cloud Point	D - 2500	Degrees C	Report	12.0
Soap Content	Cc - 17-95	PPM	Report	10
Flash Point (closed cup)	D - 93	Degrees C	93 min.	>152
Corrosiveness to Copper	D - 130	ASTM Standard	No. 3 max	1B
Sulfated Ash	D - 874	Mass %	0.02 max.	0.000
Visual Appearance	D - 4176	Visual App.	Pass/Fail	Yes
Kinematic Viscosity 40C	D - 445	mm ² /s	1.9 - 6.0	4.2
Sulfur - Non Petroleum	D - 4294	PPM	15 max.	1.5
Cetane	D - 613	ASTM Standard	47 min.	48.25
Carbon Residue 100% sample	D - 4530	Mass %	0.050 max.	ND
Phosphorus Content	D - 4951	Mass %	0.001 max.	ND (<0.001)
Distillation Temp, AET, 90% Recovered	D - 1160	Degrees C	360 max.	340
Oxidation Stability	EN 14112	Hours	3 min.	13.19
Calcium/Magnesium & Sodium/Potassium	EN 14538	PPM	5 max.	<5 (each comb.)
Cold Soak (Filtration Test)	D-6217	Seconds	360 max.	118

This analysis is not to be construed as a warranty, expressed or implied. The preceding data is provided at the request of and for the convenience of the customer and does not relieve the customer of its responsibility to verify data contained on this report and to perform any other analysis necessary to determine suitability of the product described above for the use intended by the customer.

ND = None Detected

Notes:

Piedmont Biofuels Employee Signature _____ Date 10-30-09