

**BTS West**  
1711 Orbit Way -- Bldg 2  
Minden, NV 89423  
TEL: 775-783-4660  
FAX: 775-783-4651



**Cust Code**      **BD-LV**  
**Attention Of**    Tom Childs  
**Company**        Biodiesel of Las Vegas, Inc.

## **BD-LV - Batch #7145 - Summary Report**

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### **1 Sample(s) in Batch**

<b>Unit ID</b>	<b>Date Taken</b>	<b>Sample</b>	<b>Fuel</b>
<b>PB-849</b>	<b>2/26/2008</b>	<b>3604</b>	<b>Biodiesel Fuel</b>

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Cust Code	BD-LV
Attention Of	Tom Childs
Company	Biodiesel of Las Vegas, Inc.
End User	

<b>Taken</b>	2/26/2008	<b>Received</b>	2/27/2008	<b>Unit ID</b>	<b>PB-849</b>
<b>Tested</b>	2/27/2008	<b>Reported</b>	2/27/2008	<b>Test Pkg</b>	BFQB
				<b>Fuel Type</b>	Biodiesel Fuel

<b>Unit ID</b>	<b>PB-849</b>	<b>Batch Number</b>	<b>7145</b>
<b>Date Sampled</b>	<b>2/26/2008</b>	<b>Sample Number</b>	<b>3604</b>

Test Name	Test Method	Limit	Result	Status
Free Glycerin (mass %)	ASTM D 6584	MAX 0.020	0.000	PASS
Monoglycerides (mass %)	ASTM D 6584	N/A	0.074	N/A
Diglycerides (mass %)	ASTM D 6584	N/A	0.020	N/A
Triglycerides (mass %)	ASTM D 6584	N/A	0.011	N/A
Total Glycerin (mass %)	ASTM D 6584	MAX 0.240	0.105	PASS
Flash Point, Closed Cup (°C)	ASTM D 93	MIN 130	174	PASS
Methanol Content (wt %)	EN 14110	MAX 0.20		
Phosphorous (ppm)	ASTM D 4951	MAX 10	0	PASS
Calcium + Magnesium (ppm)	EN 14538	MAX 5		
Sodium + Potassium (ppm)	EN 14538	MAX 5		
Water & Sediment (vol %)	ASTM D 2709	MAX 0.050	0	PASS
KF Water (ppm)	ASTM D 6304	N/A		
Sulfur, by UV (ppm)	ASTM D 5453	MAX 15	1	PASS
Sulfur, by XRF (ppm)	ASTM D 4294	MAX 15		
TAN (mg KOH/g)	ASTM D 664	MAX 0.50	0.17	PASS
Viscosity @ 40° C (cSt)	ASTM D 445	1.9 - 6.0	4.21	PASS
Oxidation Stability by Rancimat (hours)	EN 14112	MIN 3.00		
Sim. Dist., 90% Recovery (°C)	ASTM D 2887	MAX 360	356	PASS
Cetane Index	ASTM D 976	MIN 47	57	PASS
API Gravity @ 15.6 °C (°API)	ASTM D 1298	N/A		
Cloud Point (°C)	ASTM D 2500	N/A	3	N/A
Pour Point (°C)	ASTM D 97	N/A	-4	N/A
CSFA Total Particulate Count (mg/L)	ASTM D 6217b	N/A		
CSFA Total Filtration Time (sec)	ASTM D 6217b	N/A		
Sulfated Ash (wt %)	ASTM D 874	MAX 0.020		
Carbon Residue (wt %)	ASTM D 4530	MAX 0.050		
Copper Corrosion (rating)	ASTM D 130	MAX 3A		
Blend Verification, FAME (% Bio)	N/A	N/A		

\* If Flash Point is between 93 °C and 129 °C, Methanol Content (MC) must be tested. MC result must be lower than 0.20 (wt%) to PASS.