



1107 13th Street
Hood River, OR 97031
541.716.6166 (office)
866.293.1337 (fax)

Client: Beaver Biodiesel
Contact Name: Daniel Shafer
Client Sample ID: B100
Date/Time Received: 10/27/2009 11:30
Sample ID: 0262009300101

Sample Matrix: B100
Feedstock:
Lot Volume (gal):
Sample Collection Date:
Sample Collection Time:

Summary of Analytical Results

Analysis Performed	Analytical Method	Date Analyzed	Result	fn	Reporting Units	Reporting Criterion	Acceptable
Cloud Point	ASTM D2500	10/30/2009	1		Deg C	n/a	n/a
Water and Sediment of Middle Distillate Fuels by Centrifuge	ASTM D2709	10/30/2009	0.005		% Volume	0.05 max	Pass
Visual Inspection - Part 1	ASTM D4176 - Part 1	10/28/2009	1	1	Haze Rating	n/a	n/a
Visual Inspection - Part 2	ASTM D4176 - Part 2	10/28/2009	Free of Particulate	1	N/A	n/a	n/a
Sulfur by UVF	ASTM D5453	10/30/2009	4.2		ppm (wt/wt)	15 max	Pass
Total Glycerin (Free and Bound)	ASTM D6584 - 0 Total Glycerin	10/30/2009	0.174		% Mass	0.240 max	Pass
Free Glycerin	ASTM D6584 - 00 Free Glycerin	10/30/2009	0.004		% Mass	0.020 max	Pass
Monoglycerides as bound glycerin	ASTM D6584 - 1 Mono's	10/30/2009	0.109		% Mass	n/a	n/a
Diglycerides as bound glycerin	ASTM D6584 - 2 Di's	10/30/2009	0.044		% Mass	n/a	n/a
Triglycerides as bound glycerin	ASTM D6584 - 3 Tri's	10/30/2009	0.017		% Mass	n/a	n/a
Total Acid Number	ASTM D664	10/30/2009	0.43		mg KOH/g	0.50 max	Pass
Cold Soak Filtration Test	ASTM D7501	10/28/2009	135	2	Seconds	360 max	Pass
Flash Point, Pensky Martens	ASTM D93	10/28/2009	173.5		Deg C	93 min	Pass
Oxidation Stability-Rancimat Method	EN 14112	10/27/2009	3.8		Hours	3 min	Pass

Footnotes:

Acceptance criteria for B100 biodiesel are found in ASTM D6751.

1. Visual Inspection was performed at 24 degrees C.
2. B100 intended for blending into diesel fuel that is expected to give satisfactory vehicle performance at fuel temperatures at or below -12 degrees C shall comply with a cold soak filterability limit of 200 seconds maximum.

These results are for the exclusive use of the client to whom they are issued

Reviewed By: M. Fetkenhour

Date: 10/30/2009