



Saybolt
A CORE LABORATORIES COMPANY

FAST TO THE POINT.

CLIENT (S) : Northern Fibre Terminal

SAMPLE : Submitted For Analysis

PRODUCT : Woodchips

LOCATION : Saybolt Lab

CLIENT I.D. # : None Issued

SAYBOLT INVOICE # : Pending

SAYBOLT JOB #'S : L-9044

COMPLETION DATE : January 27, 2007

SAYBOLT CANADA UPON THE REQUEST OF OUR CLIENT(S) **Northern Fibre Terminal**
HAVE PERFORMED THE FOLLOWING LABORATORY ANALYSIS AS PER OUR ENCLOSED REPORT(S).

ISSUER WARRANTS THAT IT HAS EXERCISED DUE DILIGENCE AND CARE WITH RESPECT TO THE INFORMATION AND PROFESSIONAL JUDGMENTS EMBODIED IN THIS REPORT. THIS REPORT REFLECTS ONLY THE FINDINGS AT THE TIME AND PLACE OF THE INSPECTION AND TESTING. ISSUER EXPRESSLY DISCLAIMS ANY FURTHER INDEMNITY OF ANY KIND. THIS REPORT IS NOT A GUARANTEE OR POLICY OF INSURANCE WITH RESPECT TO THE GOODS OR THE CONTRACTUAL PERFORMANCE OF ANY PARTY. ANY PERSON RELYING UPON THIS REPORT SHOULD BE AWARE THAT ISSUER'S ACTIVITIES ARE CARRIED OUT UNDER THEIR GENERAL TERMS AND CONDITIONS.

FORM NO . INS-100


SAYBOLT CANADA

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WE'RE FAST!



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BIOMASS PROJECT

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BIOMASS PROJECT:

The Biomass sample was received by Saybolt via courier at 1100 hrs. Jan. 25, 2006.

The sample was just over 1,000 gms when weighted wet. We put 1,000.0 gms on a pan and dried for 16 hours then re-weighed. We placed the sample back in the drying oven for another hour. After re-weighing there was no change which indicated the chips reached bone dry.

The bone dry chips were divided in 4 lots and ground into a fine power. The 4 lots were combined into a container and mixed thoroughly to get a homogenous blend.

After the mixing, a lot of approx 200 grams was ground to a finished product that would pass through a 60 mess screen. From this we used approx 1 gram for each BTU measurement and approx 20 grams for each ash content. The Ash was placed in a muffle furnace at 550°C for 24 hours and re-weighed to get the wt. % Ash @ 550°C.

Based on visual appearance of the final ground mixture and the laboratory test results, we are very confident we were able to achieve a true homogenized blend of the biomass woodchips.

SAMPLE DESIGNATED AS : Woodchips
IDENTIFYING MARKS : Saybolt ID #600106
SUBMITTED BY : Northern Fibre Terminal
CLIENT(S) : Northern Fibre Terminal
COMMENTS :

Precision parameters apply in the evaluation of the test results specified above. Please also refer to ASTM D3244 (except for analysis of RFG), IP 367 and appendix E of IP standard methods for analysis and testing with respect to the utilization of test data to determine conformance with specifications.

FORM NO. LAB 401


BRIAN TOFFLEMIRE
SAYBOLT CANADA



Saybolt
A CORE LABORATORIES COMPANY

FAST TO THE POINT.

CERTIFICATE OF QUALITY

PRODUCT : Woodchips
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TEST	RESULT	UNITS	ASTM METHOD
HEAT OF CUMBUSTION (1st Run)	8,556	BTU/Lb	D-240
ASH (1st Run)	0.998	Wt. % (24 hrs. @ 550°C)	D-482
HEAT OF COMBUSTION (2nd Run)	8,539	BTU/Lb	D-240
ASH (2nd Run)	0.990	Wt. % (24 hrs. @ 550°C)	D-482
MOISTURE (17 Hrs. @ 185°C)			
Pan Weight	450.8	(Sample wt. 1000.0 gms)	
Pan + Sample	1450.8		
Dry Sample	580.3	Dry Sample with Pan	1031.1 gms)
Less Pan			
Dry Weight (Pct.)	58.03	Pct.	

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