Twin Ports Testing, Inc.
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Analytical Test Report

Report No: USR:W213-0718-01
Issue No: 1
This report replaces all previous issues

Client: MAINE WOOD PELLET CO. LLC
PO Box 120
Athens, Maine 04912
Attention: Scot Linkletter

PO No:

Signed:

Stephen Sundeen
Chemistry Laboratory Manager
Date of Issue: 7/22/2013

Sample Details

Sample Log No:	W213-0718-01	**Sample Date:**	
Sample Designation:	070913PFB	**Sample Time:**	
Sample Recognized As:	Pellets	**Arrival Date:**	7/16/2013

Test Results

	METHOD	UNITS	MOISTURE FREE		AS RECEIVED
Moisture Total	ASTM E871	wt. %			4.14
Ash	ASTM D1102	wt. %	0.32		0.31
Volatile Matter	ASTM D3175	wt. %			
Fixed Carbon by Difference	ASTM D3172	wt. %			
Sulfur	ASTM D4239	wt. %	0.007		0.007
SO_2	Calculated	lb/mmbtu			0.015
Net Cal. Value at Const. Pressure	ISO 1928	GJ/tonne			
Net Cal. Value at Const. Pressure	ISO 1928	J/g			
Gross Cal. Value at Const. Vol.	ASTM E711	J/g	20873		20008
Gross Cal. Value at Const. Vol.	ASTM E711	Btu/lb	8974		8603
Carbon	ASTM D5373	wt. %			
Hydrogen*	ASTM D5373	wt. %			
Nitrogen	ASTM D5373	wt. %			
Oxygen*	ASTM D3176	wt. %			
Chlorine	ASTM D6721	mg/kg	21		20
Fluorine	ASTM D3761	mg/kg			
Mercury	ASTM D6722	mg/kg			
Bulk Density	ASTM E873	lbs/ft^3			43.40
Fines (Less than 1/8")	TPT CH-P-06	wt.%			0.53
Durability Index	Kansas State	PDI			98.4
Sample Above 1.50"	TPT CH-P-06	wt.%			0.0
Maximum Length (Single Pellet)	TPT CH-P-06	inch			0.949
Diameter, Range	TPT CH-P-05	inch	0.261	to	0.264
Diameter, Average	TPT CH-P-05	inch			0.262
Stated Bag Weight	TPT CH-P-01	lbs			40.0
Actual Bag Weight	TPT CH-P-01	lbs			40.3

*Note: As received values do not include hydrogen and oxygen in the total moisture.

Comments