



Twin Ports Testing, Inc.
 1301 North 3rd Street
 Superior, WI 54880
 p: 715-392-7114
 p: 800-373-2562
 f: 715-392-7163
 www.twinportstesting.com

Report No: USR:W212-0205-04
Issue No: 1

This report replaces all previous issues

Analytical Test Report

Client: GREEN FRIENDLY PELLETS
 110 Eagle Dr
 Balsam Lake WI 54810
Attention: Sally Goossen
PO No:

Signed: *Kevin Anderson*
 Kevin Anderson
 IT Manager
 Date of Issue: 2/13/2012
THIS DOCUMENT SHALL NOT BE REPRODUCED EXCEPT IN FULL

Sample Details

Sample Log No: W212-0205-04 **Sample Date:**
Sample Designation: GFP Pine **Sample Time:**
Sample Recognized As: Pellets **Arrival Date:** 2/8/2012

Test Results

	METHOD	UNITS	MOISTURE FREE	AS RECEIVED
Moisture Total	ASTM E871	wt. %		6.64
Ash	ASTM D1102	wt. %	0.46	0.43
Volatile Matter	ASTM D3175	wt. %		
Fixed Carbon by Difference	ASTM D3175	wt. %		
Sulfur	ASTM D4239	wt. %	0.006	0.006
SO ₂	Calculated	lb/mmbtu		0.014
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	20977	19514
Gross Cal. Value at Const. Vol.	ASTM E711	Btu/lb	9019	8390
Carbon	ASTM D5373	wt. %		
Hydrogen	ASTM D5373	wt. %		
Nitrogen	ASTM D5373	wt. %		
Oxygen	ASTM D3176	wt. %		
Chlorine	ASTM D6721	mg/kg		
Fluorine	ASTM D3761	mg/kg		
Mercury	ASTM D6722	mg/kg		
Bulk Density	ASTM E873	lbs/ft ³		
Fines (Less than 1/8")	TPT CH-P-06	wt. %		
Durability Index	Kansas State	PDI		
Sample Above 1.50"	TPT CH-P-06	wt. %		
Maximum Length (Single Pellet)	TPT CH-P-06	inch		
Diameter, Range	TPT CH-P-05	inch		to
Diameter, Average	TPT CH-P-05	inch		
Stated Bag Weight	TPT CH-P-01	lbs		
Actual Bag Weight	TPT CH-P-01	lbs		

Comments