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Report No: USR:W220-0044-01
Issue No: 1

Analytical Test Report

Client: BAREFOOT PELLET COMPANY
 PO Box 96
 Troy, PA 16947
Attention: Mike Davison
PO No:

Signed: 
 Stephen Sundeen
 Chemistry Laboratory Manager
 Date of Issue: 1/24/2020
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Sample Details
Sample Log No: W220-0044-01 **Sample Date:**
Sample Designation: 40 Lb Pellet Bag **Sample Time:**
Sample Recognized As: Wood Pellets **Arrival Date:** 1/16/2020

	METHOD	UNITS	MOISTURE		AS RECEIVED
			FREE		
Moisture Total	ASTM E871	wt. %			4.81
Ash	ASTM D1102	wt. %	0.44		0.42
Volatile Matter	ASTM D3175	wt. %			
Fixed Carbon by Difference	ASTM D3172	wt. %			
Sulfur	ASTM D4239	wt. %	0.011		0.010
SO ₂	Calculated	lb/mmbtu			0.025
Net Cal. Value at Const. Pressure	ISO 1928	GJ/tonne			
Gross Cal. Value at Const. Vol.	ASTM E711	Btu/lb	8392		7988
Carbon	ASTM D5373	wt. %			
Hydrogen*	ASTM D5373	wt. %			
Nitrogen	ASTM D5373	wt. %			
Oxygen*	ASTM D3176	wt. %			
<small>*Note: As received values do not include hydrogen and oxygen in the total moisture.</small>					
Chlorine	ASTM D6721	mg/kg	36		34
Fluorine	ASTM D3761	mg/kg			
Mercury	ASTM D6722	mg/kg			
Bulk Density	ASTM E873	lbs/ft ³			45.28
Fines (Less than 1/8")	TPT CH-P-06	wt. %			0.14
Durability Index	Kansas State	PDI			98.8
Sample Above 1.50"	TPT CH-P-06	wt. %			0.5
Maximum Length (Single Pellet)	TPT CH-P-06	inch			1.709
Diameter, Range	TPT CH-P-05	inch	0.255	to	0.260
Diameter, Average	TPT CH-P-05	inch			0.258
Stated Bag Weight	TPT CH-P-01	lbs			40.0
Actual Bag Weight	TPT CH-P-01	lbs			40.0

Comments:



Accreditation #60243

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