



Report of Analysis

BEL2533
BIORESOURCE MANAGEMENT, INC.
3520 NW 43rd Street
Gainesville, FL 32606

Company Contact: Brian Condon

BEL ID Number: BEL161536-1
Product / Commodity: Woody Biomass
Sample Designation: 1610041600 AP Boiler Feed
Date Sampled: 9/30/2016

Sample Weight (kg): 1.45
Sample Received: 10/6/2016
Report Date: 10/17/2016
Report Code:
Purchase Order #:

Parameter	As-Received	Dry Basis	Analytical Method
Total Moisture (%)	53.81		CEN/EN 14774-1
Ash (%)	1.69	3.67	CEN/EN 14775
Volatiles (%)	35.74	77.38	CEN/EN 15148
Fixed Carbon (%)	8.74	18.91	By Difference
GCV (GJ/Tonne)	9.17	19.85	CEN/EN 14918
GCV (BTU/lb)	3942	8534	CEN/EN 14918
NCV cV (GJ/Tonne)	7.39	18.68	CEN/EN 14918
NCV cV (BTU/lb)	3177	8033	CEN/EN 14918
NCV cP (GJ/Tonne)	7.28	18.62	CEN/EN 14918
NCV cP (BTU/lb)	3132	8004	CEN/EN 14918
Carbon (%)	23.40	50.66	CEN/EN 15104
Hydrogen (%)	2.61	5.66	CEN/EN 15104
Nitrogen (%)	0.13	0.28	CEN/EN 15104
Sulfur (%)	0.02	0.04	CEN/EN 15104
Oxygen (%)	18.34	39.70	CEN/EN 15104

Prepared By:

A handwritten signature in blue ink, appearing to read "Cox", is written over a light blue circular stamp.

Christopher Cox - Laboratory Manager

Results shown on this certificate represent only the quantity of sample which was submitted for analysis. BEL does not assume responsibility for selection, representation, and/or sample identifications. Analysis are carried out within the scope of Principal's instructions and with due care and skill. Claims in respect of services provided will be considered only if based upon failure to take due care proven by the Principal. Liability shall in no circumstances whatsoever exceed a total aggregate sum equal to 10 (ten) times the amount of the fee paid for the respective services to which the liability relates or from which it has arisen. This Certificate is not intended to relieve the parties to any relevant sales contract from their contractual obligations.