

## Certificate of Analysis

BEL2612  
 BIOPOWER SUSTAINABLE ENERGY CORP  
 46 Pine Street South  
 Timmins, ON P4N 2JB

<b>BEL ID Number:</b>	BEL180171-1	<b>Sample Weight (kg):</b>	5.50
<b>Product / Commodity:</b>	Wood Pellets	<b>Sample Received:</b>	1/31/2018
<b>Sample Designation:</b>	Weekly Aggregate Sample	<b>Report Date:</b>	2/6/2018
<b>Date Sampled:</b>	1/13/2018 To 1/19/2018	<b>Report Code:</b>	RTK2-WEEKLY-1
		<b>Purchase Order #:</b>	1700063

Parameter	As-Received	Dry Basis	Analytical Method	ISO 17025
Total Moisture (%)	4.79		CEN/EN 14774-1	Q
Ash (%)	0.70	0.73	CEN/EN 14775	Q
GCV (MJ/Tonne)	19482	20462	CEN/EN 14918	Q

Parameter	Result	Analytical Method	ISO 17025
Bulk Density (kg/m³)	670	CEN/EN 15103	Q
Mean Pellet Diameter (mm)	6.64	CEN/prEN 16127	Q
Mean Pellet Length (mm)	14.98	CEN/prEN 16127	Q
Pellet Length <5x Diameter (Wt.%)	100.0	CEN/prEN 16127	Q
Pellet Length >7x Diameter (Wt.%)	0.0	CEN/prEN 16127	Q
Pellet Length 5x to 7x Diameter (Wt.%)	0.0	CEN/prEN 16127	Q
Durability Index	98.8	CEN/EN 15210-1	Q
Fines <3.15 mm (%)	0.35	CEN/EN 15210-1	Q
Extraneous Material	None Observed	Visual Inspection	

Parameter	Weight %	Analytical Method	ISO 17025
PIP <4.00 mm (Rd)	99.93	CEN/prEN 16126/15149-2	Q
PIP <2.00 mm	95.37	CEN/prEN 16126/15149-2	Q
PIP <1.00 mm	63.21	CEN/prEN 16126/15149-2	Q
PIP <0.50 mm	31.13	CEN/prEN 16126/15149-2	Q
PIP <0.10 mm	4.16	CEN/prEN 16126/15149-2	Q



Prepared By:   
 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. BEL is accredited by the International Accreditation Service to ISO 17025. Specific test procedures included in BEL's scope of accreditation are identified with a "Q". Test Parameters performed by our sister laboratory, Technical Laboratory Rotterdam (TLR) are designated with an "S". TLR is an ISO 17025 accredited laboratory by the Dutch Accreditation Council RvA.