



Report of Analysis

BEL2733
 TWIN PORTS TESTING
 1301 N 3rd Street
 Superior, WI 54880

BEL ID Number:	BEL222141-1	Sample Weight (kg):	0.30
Product / Commodity:	Wood Dust	Sample Received:	9/23/2022
Sample Designation:	W222-0616-01	Report Date:	9/30/2022
Date Sampled:	9/21/2022	Report Code:	
		Purchase Order #:	

Parameter	As-Received	Dry Basis	Analytical Method
Total Moisture (%)	4.83		ISO 18134-1
Carbon (%)	47.39	49.80	ISO 16948
Hydrogen (%)	5.66	5.95	ISO 16948
Nitrogen (%)	0.15	0.15	ISO 16948
Oxygen (%)	41.17	43.26	ISO 16948

Parameter	Dry Basis	Analytical Method
Antimony (Sb) mg/kg	< 0.100	ISO 16967/16968
Arsenic (As) mg/kg	0.011	ISO 16967/16968
Cadmium (Cd) mg/kg	0.063	ISO 16967/16968
Chromium (Cr) mg/kg	< 1.00	ISO 16967/16968
Cobalt (Co) mg/kg	< 0.100	ISO 16967/16968
Copper (Cu) mg/kg	< 1.00	ISO 16967/16968
Iron (Fe) mg/kg	20.9	ISO 16967/16968
Lead (Pb) mg/kg	0.588	ISO 16967/16968
Mercury (Hg) mg/kg	< 0.010	ISO 16967/16968
Molybdenum (Mo) mg/kg	< 0.100	ISO 16967/16968
Nickel (Ni) mg/kg	1.06	ISO 16967/16968
Vanadium (V) mg/kg	< 0.100	ISO 16967/16968
Zinc (Zn) mg/kg	1.98	ISO 16967/16968

Method Description:
 Determination of Carbon, Hydrogen, and Nitrogen via High-Temperature Elemental Analysis.

Method Code:
 ISO 16948

Method Description:
 Direct determination on fuel via ICP-MS. Al, Ca, Fe, Mg, P, K, Si, Na, Ti, Ba, and Mn determined via ISO16967. As, Cd, Co, Cr, Cu, Hg, Mn, Mo, Ni, Sb, V, Zn, Sn, Se, and TI determined via ISO 16968.

Method Code:
 ISO 16967/16968

Prepared By:

David Robles - Laboratory Manager

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