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## Data Sheet: Ecological Firelog

Client reference: DAMAFLAMME  
Date of issue: August 8, 2017  
Operator technician: Lucie Laroche  
Sampling date: Received July 12, 2017


Parameter	Unit	Method	Results
Water content	% (w.w.)	ASTM E871-82	<b>8.45%</b>
Dry material	% (w.w.)	ASTM E871-82	<b>91.55%</b>
Ash content	% (w.w.)	ASTM E871-83	<b>2.81%</b>
Ash content	% (d.w.)	ASTM D1102-84 and ASTM D2974-87	<b>3.05%</b>
Gross calorific value (GCV)	BTU/lb (d.w.)	ASTM E711-87	<b>8713.2</b>
Gross calorific value (GCV)	MJ/kg (d.w.)	ASTM E711-87	<b>20.27</b>
Gross calorific value (GCV)	kWh/kg (d.w.)	ASTM E711-87	<b>5.63</b>
Net calorific value (NCV)	BTU/lb (d.w.)	Calculation	<b>8125.1</b>
Net calorific value (NCV)	MJ/kg (d.w.)	Calculation	<b>18.90</b>
Net calorific value (NCV)	kWh/kg (d.w.)	Calculation	<b>5.25</b>

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*Results may differ depending on the analysis method.*

*Results apply only to the samples submitted for analysis.*

**We confirm that the information contained in this document is accurate.**

  
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Sébastien Lange, Ph. D.  
Researcher  
Biopterre

August 8, 2017

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Date