

CERTIFICATE OF ANALYSIS

Nü Personal Care Ltd.
High Wycombe, England HP11 1QG, United Kingdom

Test Date(s): 26-Sep-2020 to 09-Oct-2020
Date of Report: 09-Oct-2020

Date Received: 26-Sep-2020

AHK Ref: DB/372447
Client Ref: BAMNÜ ECO STRAW SAMPLE

Material Described As: BIODEGRADABLE STRAWS

Samples were received by Knight Energy Services Ltd and analysis results relate only to the items tested.

Client Ref.	Test	Unit	As Received	Dry Basis	Dry Ash-Free
<u>BamNü Eco Straw Sample</u>					
	Total Moisture	%	0.7		
	Ash Content	%	5.5	5.5	
	Volatile Matter	%	93.8	94.5	100.0
	Total Sulphur	%	< 0.01	< 0.01	< 0.01
	Chlorine	%	< 0.01	< 0.01	< 0.01
	Carbon	%	52.7	53.1	56.2
	Hydrogen	%	5.37	5.41	5.72
	Nitrogen	%	0.29	0.29	0.31
	Oxygen By Difference	%	35.5	35.7	37.8
	Gross Calorific Value	kWh/Kg	5.372	5.410	5.725
	Gross Calorific Value	MJ/Kg	19.341	19.477	20.611
	Net Calorific Value	kWh/Kg	5.043		
	Net Calorific Value	MJ/Kg	18.156		
	Bulk Density	kg/m ³	79		
	Energy Density	kWh/m ³	398		



For and on behalf of KNIGHT ENERGY SERVICES LIMITED