

Analysis Report

Report Number: 21/OCT/COA/836394

Supplier: GREP1
SREP Boston Road
Sleaford
NG34 9GH

Site: GREP1 Ltd
Grade: 40117
Our Ref: Biomass
Customer Ref: SREP/OH/OFGEM/2109

Quote Ref:
Date Sampled: 30 September 2021
Date Received: 4 October 2021
Test Date: 4 October 2021 to 13 October 2021
Date Reported: 13 October 2021

Laboratory References

Sample Matrix: BIOFUEL
Sample Number: 836394
6m Bottle:
72m Bottle:
Bio Bottle: 836394

Samples prepared using UKAS accredited methods in accordance with UKAS schedule No.0001

The results relate only to the sample tested

Analysis was undertaken at the following location(s):

SOCOTEC UK Limited, Bretby Business Park, Ashby Road, Burton upon Trent, DE15 0YZ
SOCOTEC UK Limited, Unit 3, Canal Street, Burton Upon Trent, DE14 3TB

- * Denotes calculated values.
- ** Non accredited method for this matrix.
- *** Sub contracted test, UKAS accredited.
- **** Sub contracted test, non-UKAS accredited.
- # Customer Supplied Result.
- I/S Insufficient sample to test.
- U/S unsuitable sample to test.

This sample was taken by a 3rd party and submitted to SOCOTEC UK Limited for analysis

Report Authorised By:



Helen Fearn

Reporting Administrator

For and on behalf of SOCOTEC UK Limited

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Test	Method Reference	Units	Results Basis			
			As Received *	As Analysed	Dry *	Dry Ash Free *
Analysis Moisture	CA2	%	-	6.1	-	-
Ash	CA3	%	3.0	3.0	3.2	-
Total Moisture	SP20	%	6.3	-	-	-
Volatile Matter	CA6	%	76.2	76.4	81.3	84.0
Sulphur	CA31	%	0.08	0.08	0.09	0.09
Chlorine	CA36	%	0.03	0.03	0.03	0.03
Gross Calorific Value	CA11	kJ/kg	17742	17780	18935	19561
Net Calorific Value	*	kJ/kg	16287	-	-	-
Carbon	CA9	%	43.91	44.00	46.86	48.41
Hydrogen	CA9	%	5.98	5.99	6.38	6.59
Nitrogen	CA9	%	1.32	1.32	1.41	1.46

Analysis Report Size Analysis

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Method	Sieve Size	% Weight
SP8	+10.0mm round	0.0
SP8	-10.0 mm round	100.0

Analysis Report ICP Trace Metals

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Method	Metal	Unit	Results Basis		
			As Received *	As Analysed	Dry *
****	Antimony	mg/kg	-	< 0.1	-
****	Arsenic	mg/kg	-	< 0.3	-
****	Cadmium	mg/kg	-	< 0.1	-
****	Chromium	mg/kg	4.0	4.0	4.3
****	Cobalt	mg/kg	-	< 0.1	-
****	Copper	mg/kg	2.5	2.5	2.7
****	Lead	mg/kg	-	< 0.5	-
****	Manganese	mg/kg	23.1	23.1	24.6
****	Mercury	mg/kg	-	< 0.1	-
****	Nickel	mg/kg	1.7	1.7	1.8
****	Tin	mg/kg	-	< 0.5	-
****	Vanadium	mg/kg	-	< 0.6	-
****	Zinc	mg/kg	9.8	9.8	10.4

--END OF REPORT--