

Analysis Report

Report Number: 20/JUL/COA/799157
Supplier: Ecotec Services Ltd
Orchard Street
Worcester
WR5 3DW

Site: Ecotec Services
Grade: 41015
Our Ref: Biofuel
Customer Ref: WOODCHIP - GRADE D

Quote Ref:
Date Sampled: 30 June 2020
Date Received: 1 July 2020
Test Date: 1 July 2020 to 15 July 2020
Date Reported: 17 July 2020

Laboratory References
Sample Matrix: BIOFUEL
Sample Number: 799157
6m Bottle:
72m Bottle:
Bio Bottle: 799157

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

* 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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 WR5 3DW

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 6m Bottle:
 72m Bottle:
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| Test | Method Reference | Units | Results Basis | | | |
|-----------------------|------------------|-------|---------------|-------------|-------|----------------|
| | | | As Received * | As Analysed | Dry * | Dry Ash Free * |
| Analysis Moisture | CA2 | % | - | 5.1 | - | - |
| Ash | CA3 | % | 1.5 | 1.8 | 1.9 | - |
| Total Moisture | SP19 & CA2 | % | 19.6 | - | - | - |
| Sulphur | CA31 | % | 0.04 | 0.05 | 0.05 | 0.05 |
| Gross Calorific Value | CA11 | kJ/kg | 17020 | 20090 | 21169 | 21572 |
| Net Calorific Value | * | kJ/kg | 15507 | - | - | - |
| Carbon | CA9 | % | 41.67 | 49.19 | 51.83 | 52.81 |
| Hydrogen | CA9 | % | 4.75 | 5.61 | 5.91 | 6.02 |
| Nitrogen | CA9 | % | 0.23 | 0.27 | 0.29 | 0.29 |
| % Biomass by Energy | ** | % | - | - | 98.9 | - |

Analysis Report ICP Trace Metals

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Date Sampled: 30 June 2020
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Date Reported: 17 July 2020

Sample Number: 799157
6m Bottle:
72m Bottle:
Bio Bottle: 799157

| Method | Metal | Unit | Results Basis | | |
|--------|----------|-------|---------------|-------------|-------|
| | | | As Received * | As Analysed | Dry * |
| **** | Chloride | mg/kg | 572.7 | 676.0 | 712.3 |

--END OF REPORT--