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Certificate Nº: 202400083983

Reference No: NR-2024-200003804-001

BANGKOK: February 01, 2024

ANALYSIS REPORT

We determined the analysis results as per the request of QC RECYCLE CO., LTD. which Hand Sample was/were submitted to our laboratory by applicant on January 29, 2024 and we hereby report as under;

Sample designated as : BIOMASS
Applicant's marks/references : BIOMASS SAMPLE

The analysis results (our reference Sample No. 24-200003804/1) were found by our laboratory.

Moisture and Quality Results
The analysis results were found by our laboratory as followings:-

No.	Descriptions	Standard/Method	Results		On basis
1	Total Moisture	ISO 18134	15.65	%	(As received basis)
2	Moisture	ISO 18134	5.96	%	(As determined basis)
3	Ash Content	ISO 18122	0.98	%	(As determined basis)
4	Volatile Matter	ISO 18123	76.90	%	(As determined basis)
5	Fixed Carbon	By calculation	16.16	%	(As determined basis)
6	Sulfur	ASTM D 2361	0.04	%	(As determined basis)
7	Gross Calorific Value	ISO 18125	4,258	kcal/kg	(As determined basis)
8	Gross Calorific Value	ISO 18125	3,819	kcal/kg	(As received basis)

Ultimate Analysis

No.	Elements	Standard/Method	As determined basis	
1	Carbon	ISO 16948	45.78	%
2	Hydrogen (exclude in moisture)	ISO 16948	5.58	%
3	Nitrogen	ISO 16948	2.10	%
4	Oxygen (exclude in moisture)	By Calculation	39.56	%

Net Calorific Value (By calculation) = 3,467 kcal/kg (As received basis)

This report represented our findings basing upon the sample as described above only and not represented any shipment.

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"WARNING: The sample to which the findings recorded herein (the Findings") relate was drawn and / or provided by the client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to The sample. The Company accepts no liability with regard to the origin or source from which the sample is said to be extracted"



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