



REPORT No.: QML25-28260 R0

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ANALYSIS REPORT

**Quang Ninh Province, Date: 19 Jun 2025
W.O: 2018433**

Principal Name: CÔNG TY TNHH KEMIXPORT

Address: Số C8, Khu TT Công An Đa Sỹ, Phường Kiến Hưng, Quận Hà Đông, Thành phố Hà Nội,
Việt Nam

Date Received: 12 Jun 2025

Testing Period: 12 Jun 2025 - 19 Jun 2025

Declared sample Information: **SOLID BIOFUEL**

Client Ref: THAN MUN CUA

Sample photos:



SGS Vietnam Ltd.

SGS Vietnam Ltd.
198 Nguyen Thi Minh Khai Street,
Vo Thi Sau Ward, District 3,
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In accordance with instructions received from applicant, we prepared and carried out required test on the submitted sample(s). The analysis results reported as below:

PARAMETERS	TEST METHODS	UNIT	RESULTS
Weight of the sample received*	---/---	kg	8.0
Total Moisture (ARB)	ISO 18134-2:2024	%	4.23
Moisture in the analysis sample (ADB)	ISO 18134-3:2023	%	5.23
Ash (ARB)	ISO 18122:2022	%	5.26
Ash (ADB)	ISO 18122:2022	%	5.20
Ash (DB)	ISO 18122:2022	%	5.49
Volatile Matter (ARB)	ISO 18123:2023	%	12.11
Volatile Matter (ADB)	ISO 18123:2023	%	11.98
Volatile Matter (DB)	ISO 18123:2023	%	12.65
Fixed Carbon (ARB)*	By Calculation	%	78.40
Fixed Carbon (ADB)*	By Calculation	%	77.58
Fixed Carbon (DB)*	By Calculation	%	81.86
Sulfur (ARB)	ISO 16994:2016	%	0.040
Sulfur (ADB)	ISO 16994:2016	%	0.040
Sulfur (DB)	ISO 16994:2016	%	0.042
Gross Calorific Value (ARB)	ISO 18125:2017	kcal/kg	7352
Gross Calorific Value (ADB)	ISO 18125:2017	kcal/kg	7274
Gross Calorific Value (DB)	ISO 18125:2017	kcal/kg	7676

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REMARK:

1. The sample(s) to which the findings recorded herein (the "Findings") relate was[were] draw 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(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is[are] said to be extracted.
2. This document cannot be reproduced except in full, without prior approval of the Company.
3. The parameter(s) remarked with an asterisk (*) is/are not currently within the ISO/IEC 17025 accreditation scope.
4. ND = Not Detected; MDL = Method Detection limit; mg/kg = g/t = $\mu\text{g/g}$ = ppm = $\%(\text{w/w}) \times 10,000$; ar = As Received Basis; adb = As Determined Basis; db = Dry Basis; BIOF = Biofuel.
5. The parameter(s) remarked with hashtag (#) are performed by internal subcontractor Laboratory.
6. Your feedback helps us improve service. Please click and rate us [here](#)

*** END OF THE REPORT ***

Signed for and on behalf of
SGS Vietnam LTD



Hoàng Việt Phương

SGS Vietnam Ltd.

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