

REPORT OF ANALYSIS

Description : Coconut Shell Charcoal Briquette
 Manufacturer / Shipper : CV. Zenvid Multi Collab
 Perum. Griya Citra Asri Block RM 12A No. 16, Sememi,
 Benowo, Surabaya, East Java 60218, Indonesia
 Sample Weight : 3.00 kgs
 Received Date : 04 June 2026
 Date of Analysis : 09 June 2026

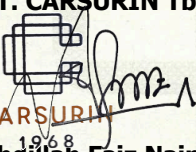
Analysis

Analysis were performed at PT Carsurin Tbk. Gresik Laboratory (accreditation by KAN / National Accreditation Committee – Indonesia for SNI ISO/IEC 17025:2017 Cert No. LP-2065-IDN) in accordance with ASTM Standard. The results of our analysis are as follows:

Parameter	Unit	Results		Method
		Wet Basis	Dry Basis	
Moisture	%	5.07	-	ASTM D1762-84 (2021) section 7.2
Ash Content	%	2.60	2.74	ASTM D1762-84 (2021) section 7.4
Volatile Matter	%	18.37	19.35	ASTM D1762-84 (2021) section 7.3
Fixed Carbon	%	73.96	77.91	MWI.01.63.LC (By Calculation)

This certificate refers solely to the analysis in accordance with the details described herein and does not certify any other matter, and is issued without prejudice.

Gresik, 10 June 2026
PT. CARSURIN Tbk.



Abdillah Faiz Naim
 Head of Laboratory

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The below results are based on sample/s only, which are submitted or supplied by client. This report is valid within 90 days from the date of analysis, and the sample description was issued based on statement by the client.



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SUBJECT

Evaluation of "Coconut Shell Charcoal Briquette" Sample for Self-Heating Substance Test

CUSTOMER

CV. Zenvid Multi Collab
Perum. Griya Citra Asri Block RM 12A No. 16, Sememi,
Benowo, Surabaya, East Java 60218, Indonesia

DATE OF RECEIVED SAMPLE

04 June 2026

DESCRIPTION OF SAMPLE

Coconut Shell Charcoal Briquette

DATE OF TESTING

05 June 2026 up to 07 June 2026

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METHOD OF TEST

The self heating substances test was performed according to United Nations "Recommendations on the Transport Dangerous Good, Manual of Test and Criteria" (33.4.3.3.1) as per revised UN test manual 7th edition 2019. Self heating substances, using method of UN 33.4.6 "Test N.4: Test method self-heating substances".

A consignment of carbon if it passes the tests for self-heating substances as reflected in the United Nations Manual of Tests and Criteria (see 33.4.3.3), and is accompanied by a certificate from a laboratory accredited by the competent authority, stating that the product to be loaded has been correctly sampled by trained staff from that laboratory and that the sample was correctly tested and has passed the test.

The sample was placed into a 100 mm cubic mesh sample container made of stainless steel. The container was then hung at the centre of the oven. The oven temperature was slowly raised to 140° C and kept constant for 24 hours. The temperature at the centre of the sample and temperature between the container and oven were recorded continuously.

RESULT

Table 1: Analysis result for "Coconut Shell Charcoal Briquette" sample

Sample	Oven Temperature (°C)	Cube Size (mm)	Maximum Temperature Reached (°C)	Result
Coconut Shell Charcoal Briquette	140	100	200.1	Positive
Coconut Shell Charcoal Briquette	140	25	140.1	Negative
Coconut Shell Charcoal Briquette	120	100	125.4	Negative

The above result showed that the "Coconut Shell Charcoal Briquette" sample shall not be classified in self heating substances of of division 4.2 and the substance is to be transported in packages with a volume not more than 3 m³.

Remark

The temperature profiles were enclosed in next pages for your references. T1 represented temperature in the center of the sample. T2 represented temperature between the container and the oven wall.

Gresik, 10 June 2026
PT. CARSURIN Tbk.



Abdillah Faiz Naim
Head of Laboratory

PT. CARSURIN Tbk.



Ahmad Didi Ahmadi
Head of Branch

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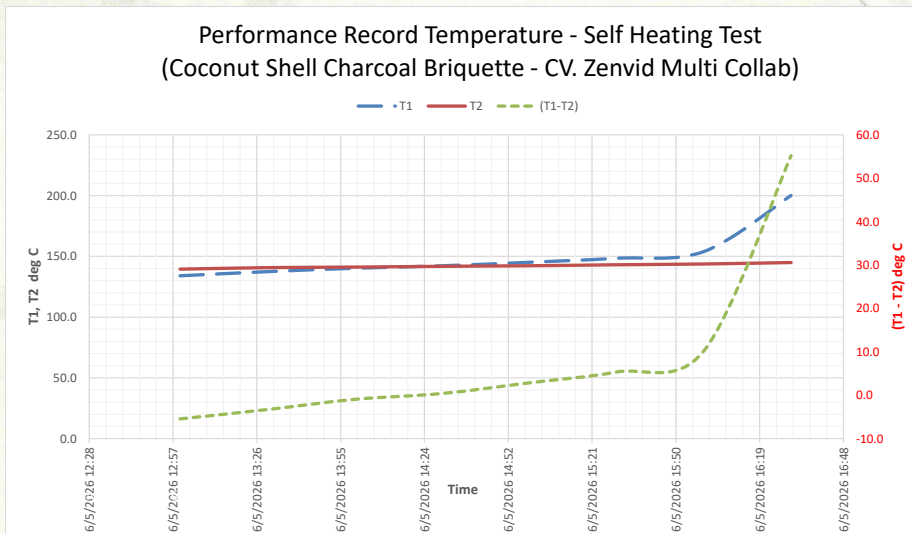
Temperature Profile "Coconut Shell Charcoal Briquette" at 140⁰ C (100mm cube)

Start Time : 05-Jun-26 13:00:00
 Stop Time : 05-Jun-26 16:30:00
 Elapsed Time : 3:30:00
 Interval : 0:30:00
 Total Readings : 8
 Thermocouple Type : K
 Scaling : (None)

Temperature	Max Time Stamp	Max	Average	Min	Min Time Stamp
T1	6/5/2026 16:30	200.1	150.2	134.0	6/5/2026 13:00
T2	6/5/2026 16:30	144.9	142.1	139.5	6/5/2026 13:00
T1-T2	6/5/2026 16:30	55.2	8.0	-5.4	6/5/2026 13:00

Remark:

T1 represented temperature in the centre of the sample. T2 represented temperature between the container and the oven wall.



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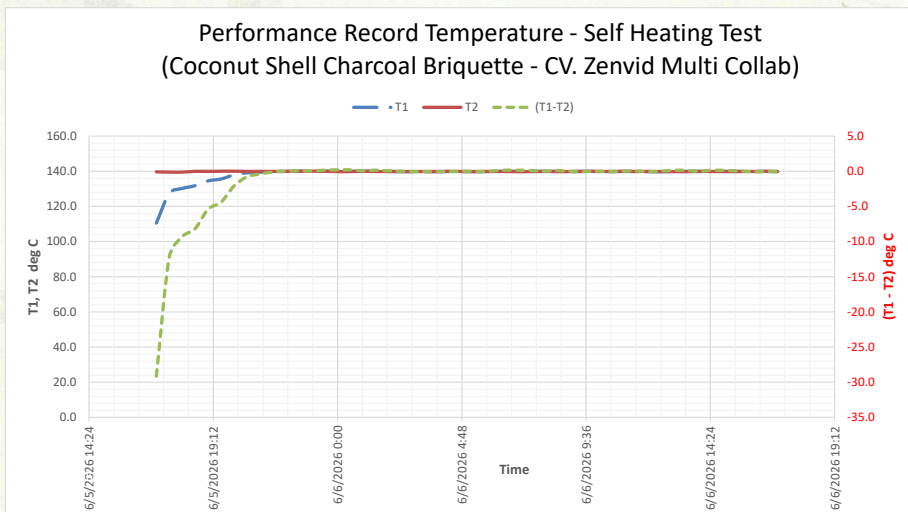
24 Hours Temperature Profile "Coconut Shell Charcoal Briquette" at 140⁰ C (25mm cube)

Start Time : 05-Jun-26 17:00:00
 Stop Time : 06-Jun-26 17:00:00
 Elapsed Time : 24:00:00
 Interval : 0:30:00
 Total Readings : 49
 Thermocouple Type : K
 Scaling : (None)

Temperature	Max Time Stamp	Max	Average	Min	Min Time Stamp
T1	6/5/2026 23:00	140.1	138.4	110.5	6/5/2026 17:00
T2	6/5/2026 23:00	140.1	139.9	139.5	6/5/2026 17:00
T1-T2	6/5/2026 23:30	0.2	-1.4	-29.2	6/5/2026 17:00

Remark:

T1 represented temperature in the centre of the sample. T2 represented temperature between the container and the oven wall.



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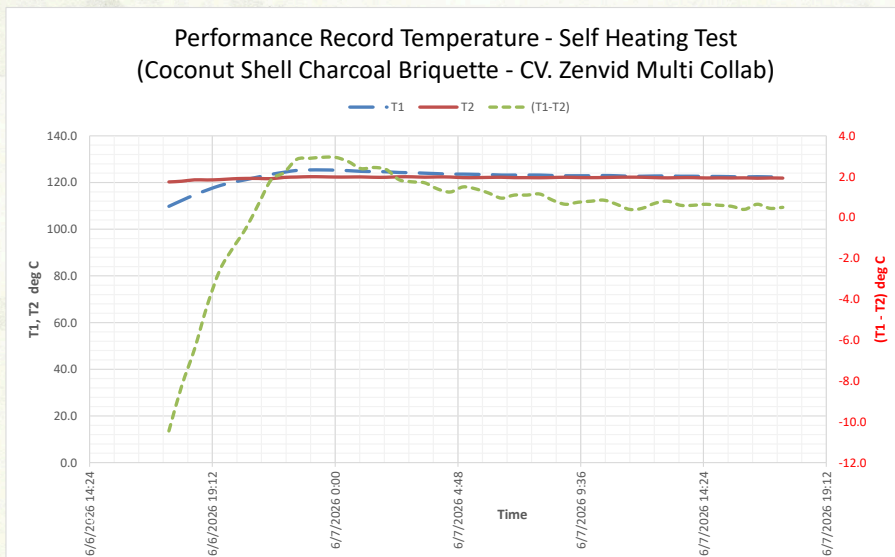
24 Hours Temperature Profile "Coconut Shell Charcoal Briquette" at 120⁰ C (100mm cube)

Start Time : 06-Jun-26 17:30:00
 Stop Time : 07-Jun-26 17:30:00
 Elapsed Time : 24:00:00
 Interval : 0:30:00
 Total Readings : 49
 Thermocouple Type : K
 Scaling : (None)

Temperature	Max Time Stamp	Max	Average	Min	Min Time Stamp
T1	6/6/2026 23:00	125.4	122.4	109.8	6/6/2026 17:30
T2	6/6/2026 23:00	122.5	122.0	120.3	6/6/2026 17:30
T1-T2	6/6/2026 23:30	3.0	0.4	-10.5	6/6/2026 17:30

Remark:

T1 represented temperature in the centre of the sample. T2 represented temperature between the container and the oven wall.



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2. The sample/s mentioned in this report is/are submitted or supplied by customer.



Coconut Shell Charcoal Briquette, Type: Cube, Size(2.5 x 2.5 x 2.5 cm)

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