

SUBMITTED SAMPLE ANALYTICAL REPORT

SGS Reference: SS17-00634

Client Reference: Coconut Shell Charcoal Briquette
 Client Reference 2.: Sample ID provided by client
 Sample Type: Coconut Shell Charcoal Briquette
 Sample Received From: Client
 Sample Description: Packed in plastic bag, good condition
 Date Sample received: 5 December 2017
 Sample Seal Number(s): Without seal

Date Issued: 11 December 2017
 Date(s) Tested: 9 December 2017
 Principal: PT.RUBY PRIVATINDO
 Address: Duta mas Blok D1/23,Jl. Fatmawati No.39
 City, State, Postal: Jakarta 12150
 Country: Indonesia
 Attention: Yenti

METHODS: Analysis performed on a SUBMITTED SAMPLE(s). Analysis performed in accordance with ASTM Standards or other International Standards stipulated on the Methods Page

The sample(s), to which the findings recorded herein (the "FINDINGS") relate, was (were) drawn and / or provided by the Client or a third party acting on Client's directions. The Findings constitute no warranty of the sample's representativity of all the 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.

Description of sample

4.155 kg Coconut Shell Charcoal Briquette supplied by PT. Ruby Privatindo
 Sample was packed in waterproof plastic bag, good condition, without seal
 Sample appeared to contain no "stone" or "rock"
 Sample nominal top size is around 20.00 mm

Analysis marked with: * denotes SGS accredited test; with # denotes SGS non-accredited test, with ** performed by a Third Party Laboratory - accredited test; with ## performed by Third Party Laboratory - non-accredited test. See METHODS PAGE for more details.
 Values are reported to relevant number of significant decimal places. This can result in small rounding differences between Moisture Conversions.

			As-Received Basis (ar)	As-Determined Basis (ad)	Dry Basis (db)	Dry Ash-Free Basis (daf)
Proximate Analysis	Moisture	%	6.16	5.37	----	----
	Moisture (Total) *	Ash *	1.93	1.95	2.06	----
	Moisture (as-determined) *	ASTM Volatile Matter *	10.91	11.00	11.62	11.87
		Fixed Carbon (calculation by difference)	81.00	81.68	86.32	88.13
		Total Sulfur *	0.01	0.01	0.01	0.01

Gross Calorific Value *	kcal/kg	7484	7547	7975	8143
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Signed and dated
 Samarinda
 11 December 2017

 PT. SGS Indonesia

For and on behalf of
 PT. SGS Indonesia

Minerals | Jl. Ir. Sutami Blok A No.9, Komp. Pergudangan
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ORIGINAL

SGS

ANALYTICAL REPORT

SGS Reference: SST7-00634

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METHODS

ACCREDITATION STATUS: SELECT * if analysis is included in the SGS Accreditation; Select # if analysis is NOT included in the SGS Accreditation.
Third Party Laboratory (Internal or external): SELECT ** if analysis is performed by an Accredited - Third Party Laboratory; SELECT ## if analysis is performed a NON-Accredited Third Party Laboratory.

Table with columns: Method, Standard, Executing Laboratory, Name of Accreditation Body, Type, & Registration No., ACCREDITATION TEST STATUS, Accreditation Test Status, Uncertainty of Measurement.

Additional information required by the Accreditation Body.-

NOTE: ALL Tests subcontracted to a Third Party Laboratory (Internal or external), or marked as * #, ## Not Accredited*, are not included in the SGS ISO 17025 Laboratory Accreditation.

Signed and dated
Sugama
11 December 2017

For and on behalf of
PT. SGS Indonesia



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