



THIS IS TO REPORT that upon the request of the applicant, the sample received was analyzed in the laboratory in accordance with ASTM Standard.

The Results are as follows :

Parameter	Unit	Method	Result	
			Ad	Ar
Total Moisture	Weight %	D 3302-15	-	32.00
Inherent Moisture	Weight %	D 3173-11	13.23	-
Ash Content	Weight %	D 3174-12	5.66	4.44
Volatile Matter	Weight %	D 3175-11	42.18	33.06
Fixed Carbon	Weight %	D 3172-13	38.93	30.50
Total Sulphur	Weight %	D 4239-14 ¹²	0.19	0.15
Gross Calorific Value	Kcal/Kg	D 5865-13	5,486	4,299
Hardgrove Grindability Index	Index	D 409/D 409M-12	53	
Particle Size + 50 mm	Weight %	D 4749-87 (2012)	12.67	
Particle Size - 50 mm	Weight %	D 4749-87 (2012)	87.33	

Note: Ar = As Received Basis; Ad = Air Dried Basis;

Remarks : This report refers to the tested sample only

This Report reflects our findings at time and place of analysis only and does not certify (or report) any other matters.

This Report is issued without prejudice and our responsibility is limited to the exercise of reasonable care and due diligence.

Banjarmasin, May 03, 2017

PT. CARSURIN,

Dwi Utomo

Head of Laboratory

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For verification of authenticity of certificate or reports, please contact coal.sales@carsurin.com

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Sample not drawn by CARSURIN