

# REPORT OF ANALYSIS



**IBIS**  
TESTING SURVEY  
INSPECTION

**KAN**  
Komite Akreditasi Nasional  
LP-1361-IDN  
LP-1368-IDN  
LI-154-IDN

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FOS-7.8.1 ED3R0/030119

Page 1 of 1

**TO WHOM IT MAY CONCERN :** This is to report that we have performed the analysis of coal nominated below. Samples Preparation, Testing and Analysis were performed at PT. Indo Borneo Inspeksi services in Banjarbaru accordance with ASTM Standard Methods.

**Principal :** PT. INTAN NUSANTARA INDONESIA  
**Address :** Gedung Graha Pena LT. 5, Jln. URIP SUMOHARJO NO. 20 KARUWISI UTARA PANAKUKKANG, KOTA MAKASSAR, SULAWESI SELATAN  
**Attention :** Mr. Ronnie Aban  
**Description of Sample :** 1 (One) Coal Sample in Plastic Bags With Code As Received Properly Sealed Plastic Bags Supplied by Client  
**Weight of Sample :** 24,81 Kg  
**Tested for :** TM, PROXIMATE, TS,GCV  
**Client Code Sample :** MV. JIN SHUN  
**Lab Sample ID :** NS.23.0013

## ANALYSIS RESULTS:

THE FOLLOWING SPECIFICATION IN ACCORDANCE WITH ASTM STANDARDS AND ON AIR DRIED BASIS UNLESS OTHERWISE SPECIFIED

TOTAL MOISTURE	( as received basis )	:	<b>42.47</b>	pct	ASTM D3302M-19
INHERENT MOISTURE	( air dried basis )	:	<b>14.82</b>	pct	ASTM D3173M-17a
ASH CONTENT	( air dried basis )	:	<b>8.15</b>	pct	ASTM D3174-18
VOLATILE MATTER	( air dried basis )	:	<b>40.91</b>	pct	ASTM D3175-20
FIXED CARBON	( air dried basis )	:	<b>36.12</b>	pct	by difference
TOTAL SULPHUR	( air dried basis )	:	<b>0.53</b>	pct	ASTM D4239-18e1
GROSS CALORIFIC VALUE	( air dried basis )	:	<b>4837</b>	Kcal/Kg	ASTM D5865M-19
GROSS CALORIFIC VALUE	( as received basis )	:	<b>3267</b>	Kcal/Kg	ASTM D5865M-19

Signed for and behalf of  
PT. Indo Borneo Inspeksi Services

  
**ASEP SAEPUKIN**  
Lab. Manager

Date : January 26, 2023  
Job. No. : IBIS-BJB/013//2023

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