

## REPORT OF PRESHIPMENT ANALYSIS

**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 Triyasa Pirsas Utama in Banjarbaru in accordance with ASTM Standard Methods.


**Principal :** PT. INTAN NUSANTARA INDONESIA  
**Address :** JL. URIP SUMOHARJO NO.20 GEDUNG GRAHA PENA LT.5, KEL. PAMPANG, KEC. PANAKKUKANG, 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 :** 25.30 KG  
**Tested for :** TM, PROXIMATE, TS, AND GCV  
**Client Code Sample :** BG.CERTAN  
**Lab Sample ID :** SL-332

### ANALYSIS RESULTS:

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

TOTAL MOISTURE	( as received basis )	:	36,00	pct	ASTM D3302-07
INHERENT MOISTURE	( air dried basis )	:	14,00	pct	ASTM D3173-03
ASH CONTENT	( air dried basis )	:	7,00	pct	ASTM D3174-04
VOLATILE MATTER	( air dried basis )	:	38,00	pct	ASTM D3175-07
FIXED CARBON		:	41,00	pct	by difference
TOTAL SULPHUR	( air dried basis )	:	0,80	pct	ASTM D4239-05
GROSS CALORIFIC VALUE	( air dried basis )	:	5.700	Kcal/Kg	ASTM D5865-07
	( as received basis )	:	4.242	Kcal/Kg	

Signed for and behalf of  
PT. Triyasa Pirsas Utama



**EDI JUNAEDI**  
Lab. Manager

Issued by : PT. Triyasa Pirsas Utama  
 At : Banjarbaru  
 Date : Agustus 23, 2019  
 Job. No. : QA 332/TPU-BJB/VIII/2019

This report reflects our findings at the time and place of inspection / testing only and does not refer to any other matter. This report shall not be reproduced except in full without the written approval of testing laboratory. PT. Triyasa Pirsas Utama accept no responsibility for any loss, damage or liability suffered by any third party as a result of any reliance upon or use of this report.