



**CERTIFICATE OF SAMPLING AND ANALYSIS**

VESSEL : MV DE YUAN  
 SHIPPER : [REDACTED] SINERGI  
 [REDACTED] DUTA GRAHA  
 CARGO DESCRIPTION : INDONESIA STEAM COAL IN BULK  
 QUANTITY : 67,050.000 MT  
 PORT OF LOADING : KALIMANTAN, INDONESIA  
 PORT OF DISCHARGE : PUTIAN CHINA  
 B/L DATE : JUNE, 01, 2022

This certificate refers to sampling for quality analysis and sizing only and does not certify any other matters. It reflects to our finding at time and place of intervention only and is issued without prejudice. Samples were taken by the CCIC SINGAPORE PTE LTD at loading port during mother vessel loading.

SPECIFICATIONS IN ACCORDANCE WITH ASTM STANDARDS.

PARAMETERS		ACTUAL RESULTS	
GROSS CALORIFIC VALUE	ARB	5357	KCAL/KG
GROSS CALORIFIC VALUE	ADB	5877	KCAL/KG
TOTAL MOISTURE	ARB	12.95	%
INHERENT MOISTURE	ADB	4.50	%
ASH	ADB	19.32	%
ASH	ARB	17.61	%
VOLATILE MATTER	ADB	39.70	%
VOLATILE MATTER	ARB	36.19	%
TOTAL SULFUR	ADB	0.70	%
TOTAL SULFUR	ARB	0.64	%
FIXED CARBON	ADB	36.48	%



ISSUED BY CCIC SINGAPORE PTE LTD AT LOADING PORT

*[Handwritten Signature]*



ISO 9001:2008  
FS 517970

