

CERTIFICATE OF SAMPLING AND ANALYSIS

Cer. No. :

SHIPPER : PT. TRADA TRANS INDONESIA
GEDUNG KIRANA TWO LANTAI 10A
JL. BOULEVARD TIMUR NO. 88 KELAPA GADING JAKARTA UTARA
14140 INDONESIA
CONSIGNEE : PT. TRADA TRANS INDONESIA
NOTIFY ADDRESS : SAME AS CONSIGNEE
NAME OF VESSEL : TB. HARLINA 829 BG. SOEKAWATI 356
QUANTITY : 7,595.848 MT
PORT OF LOADING : PELABUHAN DTBS KINTAP, KALIMANTAN SELATAN
PORT OF DISCHARGE : PELABUHAN KARYA CITRA NUSANTARA, MARUNDA, JAKARTA UTARA
DESCRIPTION OF GOODS : RAW COAL
DATE OF INTERVENTION : MARCH 15th – 17th, 2021

Samples were taken with ASTM D2234/2234M-10 and prepare in accordance with ASTM D2013/D2013M-09

That upon the request of the Principals, we carried out analysis of the above shipment with specifications in accordance with ASTM standards,

Typical specifications of coal (as per ASTM standard) :

PARAMETERS	BASIS	ACTUAL RESULTS
Total Moisture	(As Received Basis)	33.96 pct
Inherent Moisture	(Air Dried Basis)	15.30 pct
Ash	(Air Dried Basis)	7.62 pct
Volatile Matter	(Air Dried Basis)	40.04 pct
Fixed Carbon	(Air Dried Basis)	36.39 pct
Sulphur	(Air Dried Basis)	0.28 pct
Gross Calorific Value	(As Received Basis)	4,070 Kcal/Kg
Gross Calorific Value	(Air Dried Basis)	5,220 Kcal/Kg
Gross Calorific Value	(Dry Ash Free)	6,772 Kcal/Kg
Sizing	0 – 50 mm	36.65 %

Signed for and on behalf of
PT. Triyasa Pirsu Utama

Issued by Independent Inspection Agency At
Loading Port PT. Triyasa Pirsu Utama / PT. OOWLI
Date Issued : March 20th, 2021

Doni Chandra
Head of Laboratory