Certificate N°: 2111100AED

CERTIFICATE OF QUALITY

VESSEL	:
DATE	: OCTOBER 26th, 2021 – OCTOBER 30th, 2021.
COMMODITY	: GREEN DELAYED PETROLEUM COKE
PORT OF LOADING	:
B/L NUMBER	: BL 01
B/L QUANTITY (MT)	: 35,534.141
B/L DATE	: OCTOBER 30th, 2021.
PORT OF DISCHARGE	:

In accordance with instructions received from our Principal, take the manual sampling over a Maroil conveyor bell system, taken one sample each 500 metric tons of approximately 12 kg each during the loading of Barges at from October 26, 2021 to October 30, 2021. According to ASTM Standars D4057 and D346

In accordance with instructions received from our **Principal,** ., to perform analysis of the above mentioned shipment, we hereby report the following results, in accordance with the applicable standard methods,.

Sample ID : ICG00002700 **COMPOSITE SAMPLE**
Lab No.: 0001926929.007 **Date Received** 11/01/2021 **Sublot:** 0 **Quantity : 35.534,141 MT**

Analysis Date :	11/03/2021	**Air Dried**	**AsRcv**	**DryBasis**	**MAF**	**Standard ASTM**
***- PROXIMATE**						
AIR DRY LOSS, pct.wt.		6,70				D-3302-19ael
RESIDUAL, pct.wt.		0,67				D-3173-17a
TOTAL MOISTURE, pct.wt.			7,33			D-4931-17a
Ash, pct.wt.		0,65	0,61	0,65		D-4422-19
Volatile Matter, pct. wt		13,88	12,32	13,30	12,79	D-3175-20
Fixed Carbon, pct.wt.			79,74	86,05		D-3172-21a
Sulphur, pct.wt.		4,31	4,02	4,34		D-4239-18aMeth B
Gross Calorific Value (Btu/Lb)		14831	13837	14931	15029	D-5865-19a
Gross Calorific Value (Kcal/Kgr)		8239	7687	8295	8350	
Gross Calorific Value (GJ/TON)		34,50	32,19	34,74	34,97	
***-HARDGROVE INDEX**						D-5003-06a (2019)
HGI		64				
%H2O =		0,70				

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