



INCOLAB SERVICES RUSSIA S.C.
COMMODITY SAMPLERS AND ANALYTICAL CHEMISTS

HEAD OFFICE AND LABORATORY:

25/2 ul. Novostroek
198152 St. Petersburg
Russia

Telephone (812) 3206033/3206038

(812) 3208288

(495) 6457901

Telefax: (812) 3206005

(495) 6457901

E-mail: inco@incolab.ru

TO WHOM IT MAY CONCERN

We have examined the sample(s) of
and report the following to be the result:

Date : 27 May 2020
Our ref. : 2005471RUS Ro
Material : ANTHRACITE COAL IN BULK
Ex. : m/v "ODESSA 1"
Lot : AVERAGE
Weight : 3'034.582 mt
Port : ROSTOV-ON-DON, RUSSIA
Sampling date : 22-25 May 2020

Certificate of Sampling and Analysis

We, the undersigned Incolab Services R.S.C., confirm to have attended the loading and sampling the material of anthracite, which was loaded on board of the vessel "ODESSA 1" on 22-25 May 2020 at the port of Rostov.

SAMPLING

Sampling of anthracite was carried out during all loading in accordance with I.S.O. Standards.

ANALYSIS

TOTAL MOISTURE	<i>unidade</i>	:	6.4 %	ISO 589
ASH IN DRY	<i>unidade</i>	:	7.1 %	ISO 1171
ASH AS RECEIVED		:	6.6 %	
VOLATILE MATTER IN DRY	<i>volatil</i>	:	3.4 %	ISO 562
VOLATILE MATTER AS RECEIVED		:	3.2 %	
SULPHUR IN DRY	<i>sulf</i>	:	1.17 %	ISO 19579
SULPHUR AS RECEIVED		:	1.09 %	
FIXED CARBON IN DRY	<i>carbony</i>	:	89.5 %	ISO 29541
FIXED CARBON AS RECEIVED		:	83.8 %	

SIZING TEST

80	+	80	mm	:	14.8
	-	25	mm	:	71.5
	-	25	mm	:	13.9
				:	100.0



Sizing test revealed stones - 2.5 % in the mass of anthracite.
Sizing test was carried out using square mesh sieves in accordance with ISO 1953.

For and on behalf of,
Incolab Services R.S.C.

[Signature]