

CERTIFICATE OF SAMPLING AND ANALYSIS

THIS IS TO CERTIFY: that quality inspection of the cargo nominated below was carried out for Messrs. JSC "DONUGOL" ADDRESS: 11 YENISEISKY LANE, ROSTOV REGION, 346513, RUSSIAN FEDERATION:

VESSEL: M/V "MUSE"
SHIPPER: JSC "DONUGOL" ADDRESS: 11 YENISEISKY LANE, ROSTOV REGION, 346513, RUSSIAN FEDERATION
CARGO: COAL AM GRADE 13-25 MM
BUYER: S.R.L. "POVLADAR" MOLDOVA, REPUBLIC OF, MUN.BALTI, STR.SOFIEI 31
BILL OF LADING: NO. 1 DATED 06.09.2022, ROSTOV-ON-DON, RUSSIAN FEDERATION
PORT OF LOADING: ROSTOV-ON-DON, RUSSIAN FEDERATION
PORT OF DISCHARGE: GIURGIULESTI, MOLDOVA
COMMENCED SAMPL.: 05.09.2022
COMPLETED SAMPL.: 06.09.2022
WEIGHT: 3293.050 MT
CUSTOM TARIFF NO. 2701.11.00.00.00

SAMPLING: Samples were taken in accordance with ISO Standard Method during loading at Rostov seaport.

ANALYSIS: Samples were analyzed according to ISO Standard Methods and the results are as follows:

<u>PROXIMATE ANALYSIS:</u>			as received	dry basis	dry ash-free basis
Total Moisture,	(ISO 589)	%	4,0	-	-
Ash,	(ISO 1171)	%	4,2	4,4	-
Volatile Matter,	(ISO 562)	%	2,1	2,2	2,3
Total Sulphur,	(ISO 20336)	%	0,78	0,81	-
Gross Calorific Value	(ISO 1928)	kcal/kg	7477	7789	8143
Net Calorific Value,	(ISO 1928	kcal/kg	7414	7746	-
Fixed Carbon,	App. E3.3)	%	89,7	93,4	97,7

SIZING TEST (ISO 1953): Manual method using the square mesh sieves was applied:

0.0	-	6.0	mm	%	-	6,6
6.0	-	13.0	mm	%	-	3,6
13.0	-	25.0	mm	%	-	73,2
	+	25.0	mm	%	-	16,6

Due to the inaccessibility of part of the cargo, the samples collected have indicative value only and will not necessarily be representative of the entire cargo, but only of that part accessible and sampled at the date, time, and place of inspection. This certificate is only valid if presented in original and printed on security paper or issued on Cotecna's Edox system and received in its digital format. Copies of this certificate are not valid unless accompanying its original. This inspection has been performed on the goods for which it was requested according to our professional standards and to the best of our knowledge on the date and at the place it was performed, within the scope of instructions received. This inspection does not release seller(s) and/or supplier(s) and/or shipper(s) and/or other parties involved from their respective contractual obligations and does not prejudice the buyer(s)/receiver(s) right to claim, under applicable law and contract, compensation from seller(s)/supplier(s)/shipper(s) regarding any defects not detected during our inspection or occurring thereafter. This inspection is also subject to COTECNA Terms and Conditions of Business 2022." (<http://www.cotecna.com/en/About-Cotecna/Terms-Conditions>). Headings and titles in this certificate/report are for reference only and the findings contained herein prevail as stated.



COTECNA INSPECTION S.A.



CERTIFICATE OF WEIGHT

THIS IS TO CERTIFY: that the weight of the cargo loaded into the above vessel was determined for Messrs. JSC "DONUGOL" ADDRESS: 11 YENISEISKY LANE, ROSTOV REGION, 346513, RUSSIAN FEDERATION:

VESSEL:	M/V "MUSE"
SHIPPER AS PER B/L NO. 1:	JSC "DONUGOL" ADDRESS: 11 YENISEISKY LANE, ROSTOV REGION, 346513, RUSSIAN FEDERATION
CARGO:	COAL AM GRADE 13-25 MM
BUYER AS PER B/L NO.1:	S.R.L. "POVLADAR" MOLDOVA, REPUBLIC OF, MUN.BALTI, STR.SOFIEI 31
BILL OF LADING:	NO. 1 DATED 06.09.2022, ROSTOV-ON-DON, RUSSIAN FEDERATION
PORT OF LOADING:	ROSTOV-ON-DON, RUSSIAN FEDERATION
PORT OF DISCHARGE:	GIURGIULESTI, MOLDOVA
VESSEL COMMENCED LOADING:	05.09.2022
VESSEL COMPLETED LOADING:	06.09.2022
CUSTOM TARIFF NO.	2701.11.00.00.00

THIS IS TO CERTIFY:

THE LOADING WEIGHT WAS DETERMINED BY READING THE VESSEL'S DRAFT AFTER LOADING AND CALCULATING THE AMOUNT OF CARGO USING EXISTING CALIBRATION TABLES. THAT WEIGHT OF THE COAL LOADED INTO THE ABOVE VESSEL AS DETERMINED BY DRAFT SURVEY AT THE LOADING POINT WAS FOUND TO BE:

THREE THOUSAND TWO HUNDRED NINETY THREE POINT 050 METRIC TONS
(3293.050 MT)

This certificate is only valid if presented in original and printed on security paper or issued on Cotecna's Edox system and received in its digital format. Copies of this certificate are not valid unless accompanying its original.

This inspection has been performed on the goods for which it was requested according to our professional standards and to the best of our knowledge on the date and at the place it was performed, within the scope of instructions received. This inspection does not release seller(s) and/or supplier(s) and/or shipper(s) and/or other parties involved from their respective contractual obligations and does not prejudice the buyer(s)/receiver(s)' right to claim, under applicable law and contract, compensation from seller(s)/supplier(s)/shipper(s) regarding any defects not detected during our inspection or occurring thereafter. This inspection is also subject to COTECNA Terms and Conditions of Business 2022."(<http://www.cotecna.com/en/About-Cotecna/Terms-Conditions>). Headings and titles in this certificate/report are for reference only and the findings contained herein prevail as stated.



COTECNA INSPECTION S.A.