



MANAGEMENT SYSTEM
ISO 9001:2008



INSPECTION INDEPENDENT SURVEYOR S.R.L.

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CERTIFICATE OF QUALITY

COD: LC-D-QUAL-04-22998

Vessel : M/V PROFESSOR AZIZ ALIYEV
Cargo : ULSD 10 PPM
Port : CONSTANZA
Date : 15-03-2022

Sample description

Sample Container : 1 Liter Glass Bottle
Sample Origin : Composite ship's tanks
Sampling Date : 15-03-2022
Sample drawn by : Oil Terminal Laboratory jointly with PETCOM Surveyor

Property	Unit	Limits		Test method	Result
		minimum	maximum		
Cetane number	-	51.0	-	ASTM D 7170	53.0
Cetane index	-	46.0	-	EN ISO 4264	51.8
Density at 15 °C	kg/m ³	820	845	ASTM D 4052	838.0
Density at 15 °C in air				ASTM D 1250	836.9
Sulphur content	mg/kg	-	10	EN ISO 20884	8.0
Flash point, PM	°C	above 55	-	ASTM D 93	68
Carbon residue (on 10% distillation residue)	% m/m	-	0.30	ASTM D 4530	0.02
Ash content	% m/m	-	0.01	EN ISO 6245	0.002
Water content	mg/ kg	-	200	ASTM E 203	100
Copper strip corrosion (3h at 50°C)	rating	class 1		ASTM D 130	1a
Viscosity at 40 °C	mm ² /s	2.00	4.50	ASTM D 445	2.710
Distillation :					
> recovered at 250 °C	% (V/V)	-	<65	EN ISO 3405	36
> recovered at 350 °C	% (V/V)	85	-		95
> 95 % (v/v) recovered at	°C	-	360		350
Appearance				Visual	clear
Colour ASTM				ASTM D 1500	0.5
CFPP	°C			ASTM D 6371	-19
Cloud point	°C			ASTM D 2500	-7

Sample Tested in : Oil Terminal Laboratory on 15-03-2022
Witnessed : YES

Remark : When analysis witnessed by PETCOM INSPECTION INDEPENDENT SURVEYOR, our responsibility is solely to ensure that the analysis is conducted to standard test methods in accordance with industry accepted practice. We are not responsible for all apparatus instrumentation and measuring devices, calibration of same and working order. Reagents and solutions are accepted as prepared.

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