



**BUREAU
VERITAS**



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Client: Enemed Co. Ltd.

Page 1 of 1

CERTIFICATE OF QUALITY NO: MLA1735.5

Source: Product Representing E Power Diesel.
Product: ULSD
Location: Inspectorate Laboratory, Marsa
Operation: Analysis

Job Number: MLA1735
Date Sampled: 24/12/2024
Date Testing Complete: 24/12/2024

Sample Origin: Handblend composed of: 89 %vol Shoretank 12 | 11 %vol Shoretank 14 doped with 2250ppm of LAR DP M
Sample Number: 69395

Test	Method	Units	Result	Spec
Density @ 15°C	* ISO 12185:2001	kg/m ³	825.2	820.0 - 845.0
Sulphur UVF	* ISO 20846:2019	mg/kg	8.4	10.0 max
Cetane Number	EN 15195	Rating	63.2	51.0 min
Flash Point Pensky-Martens Closed Cup	* ISO 2719(A):2016	°C	58.0	55 min
Lubricity	ISO 12156	µm	420	460 max
Kinematic Viscosity @ 40°C	* ISO 3104:1997	mm ² /s	2.736	2.00 - 4.50
Manganese	EN 16576	mg/L	< 0.5	2.0 max
Water by Coulometric KF	* ISO 12937:2000	mg/kg	34	200 max
Total contamination	EN 12662	mg/kg	< 12.0	24 max
Ash	* ISO 6245:2001	% mass	0.001	0.010 max
Cetane Index	* ISO 4264:18	-	57.5	46 min
MCRT on 10% Bottoms	* ISO 10370:2014	% mass	< 0.01	0.30 max
Copper Corrosion (3 hrs @ 50°C)	ISO 2160	Rating	1A	1 max
Oxidation Stability	ISO 12205	g/m ³	4	25 max
CFPP	* EN 116:2015	°C	minus 19	0 max
PAH	EN 12916	% mass	2.3	8.0 max
FAME content	* EN 14078:2014	% vol	< 0.05	7.0 max
Atmospheric Distillation:	* ISO 3405:2019	-	-	-
95% Recovered		°C	352.0	360 max
Recovered @ 250°C		% vol	33.0	65 max
Recovered @ 350°C		% vol	94.6	85 min

The latest issue of the test methods has been used unless stated otherwise.

Where applicable this report conforms to the customer's specifications.

Please refer to ASTM D3244-18 (50% probability of acceptance applied) and IP method 367-07 Appendix E for utilisation of test data for conformance with specifications.

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Results relate only to the sample tested.

* An NAB-MALTA Accredited testing laboratory, Reg No 010, for the indicated test methods. Specific test conditions available upon request.

Wayne Zammit - Laboratory Coordinator
Authorised Signatory for Inspectorate Malta Ltd

