

Client: Enemed Co. Ltd.

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ANALYTICAL REPORT NO: MLA0084.1-1

Source:	Product Representing E Power	Job Number:	MLA0084
Product:	EN 228	Date Sampled:	Various
Location:	Inspectorate Laboratory, Marsa	Date Testing Complete:	03/02/2025
Operation:	Analysis		

Sample Origin:	Composed of 98% vol. ALLEGRA composite before discharge EX MLA0052 & 2% vol. methylaniline	Sample Number:	69920
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Test	Method	Units	Result	Spec
RON	ISO 5164	Rating	98.8	98 min
MON	ISO 5163	Rating	88.2	85 min
Lead mg/l	EN 237	mg/L	< 2.5	5.0 max
Density @ 15°C	* ISO 12185:2001	kg/m3	749.6	720.0 - 775.0
Sulphur UVF	* ISO 20846:2019	mg/kg	3.1	10.0 max
Manganese	EN 16135	mg/L	< 1.0	2.0 max
Oxidation Stability IP100	ISO 7536	min	> 360	360 min
Solvent washed gum content	* ISO 6246:2017	mg/100ml	1	5 max
Copper Corrosion (3 hrs @ 50°C)	ISO 2160	Rating	1A	1 max
Appearance	Visual	Rating	Clear & Bright	Clear & Bright
Benzene	ISO 22854	% vol	0.58	1.00 max
Aromatics	ISO 22854	% vol	33.8	35.0 max
Olefins	ISO 22854	% vol	7.8	18.0 max
Oxygen content	ISO 22854	% mass	< 1.50	3.7 max
Methanol	ISO 22854	% vol	< 1.05	3.0 max
Iso-propanol	ISO 22854	% vol	< 0.1	12.0 max
Iso-butanol	ISO 22854	% vol	< 0.1	15.0 max
Tert-butanol	ISO 22854	% vol	< 0.1	15.0 max
Ethanol	ISO 22854	% vol	< 0.50	10.0 max
Ethers (containing 5 or more C atoms)	ISO 22854	% vol	7.5	22.0 max
Other Oxygenates	ISO 22854	% vol	< 0.8	15.0 max
DVPE	EN 13016-1	kPa	68.9 (+')	50 - 80
Atmospheric Distillation:	* ISO 3405:2019	-	-	-
Final Boiling Point		°C	199.5	210 max
Evaporated @ 70°C		% vol	38.3	22.0 - 50.0
Evaporated @ 100°C		% vol	57.4	46.0 - 72.0
Evaporated @ 150°C		% vol	82.9	75.0 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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* An NAB-MALTA Accredited testing laboratory, Reg No 010, for the indicated test methods. Specific test conditions available upon request.

TBR = To Be Reported

(+') Vapour Pressure result is based on a decanted composite sample which may not be truly representative due to loss of volatile components/light ends


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Source:	Product Representing E Power	Job Number:	MLA0084
Product:	EN 228	Date Sampled:	Various
Location:	Inspectorate Laboratory, Marsa	Date Testing Complete:	03/02/2025
Operation:	Analysis		

Sample Origin:	Composed of 98% vol. ALLEGRA composite before discharge EX MLA0052 & 2% vol. methylaniline	Sample Number:	69920
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Test	Method	Units	Result	Spec
Residue		% vol	1.4	2 max

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