



## To Whom It May Concern

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No warranties, express or implied, including the warranty of due diligence and care mentioned elsewhere, shall extend to any party other than such named client.*

## Certificate of Quality

Report number	: 10901/00014622.7/L/20	Date of sampling	: 2020-02-19
Main Object	: HABIP BAYRAK	Place of sampling	: Enemed Installation
Report Date	: 2020-02-25	Date received	: 2020-02-19
Date of issue	: 2020-02-25	Date completed	: 2020-02-21
Sample object	: HABIP BAYRAK	Sample number	: 9503463
Sample type	: Sampled		
Sample submitted as	: Unleaded Gasoline		
Marked	: Product Representing E Power		

NAME	METHOD	UNIT	SPECS		RESULT
			Min	Max	
Research Octane Number (RON)	ASTM D 2699	-			99.1
Motor Octane Number (MON)	ASTM D 2700	-			86.9
Appearance	Visual	-		Clear & Bright	CL & BR
Benzene Q	EN 238	vol %		1.0	0.9
Copper Strip Corrosion (3 hrs / 50 °C) Q	ASTM D 130	-		1	1A
Density at 15 °C Q	ASTM D 4052	kg/L	0.720	0.775	0.7253
Gum Existent	ASTM D 381	mg/100ml		5	Below 0.5
Oxidation Stability	ASTM D 525	min	360		Above 360
Lead (Pb) Q	ASTM D 3237				
Lead (Pb)		g/l		0.005	<0.001
Distillation	ASTM D 86				
Initial boiling point		°C	Report		28.8
10% Recovered		°C	Report		49.6
50% Recovered		°C	Report		79.8
90% Recovered		°C	Report		132.6
Final boiling point		°C		210.0	162.8
Residue		vol %		2.0	1.2
Evaporated at 70 °C		vol %	22.0	50.0	40.3
Evaporated at 100 °C		vol %	46.0	71.0	67.8
Evaporated at 150 °C		vol %	75.0		96.4
R.V.P. at 100 deg. C - DVPE Q	ASTM D 5191	kPa	50	80	64.2
Sulphur Q	ASTM D 2622	mg/kg		10	6.6
FIA (hydrocarbon types)	ASTM D 1319				
Aromatics		vol %		35.0	22.0
Olefins		vol %		18.0	17.8
Oxygenates	EN 13132				
Methanol		vol %		3	<0.1
Ethanol		vol %		5	<0.1
iso-Propanol		vol %	Report		<0.1
iso-Butanol		vol %	Report		<0.1
tert-Butanol		vol %	Report		<0.1

All results in this report refer to the sample(s) tested as taken or submitted like specified in this Analysis report. Uncertainties, available on request, apply in the evaluation of the test results. All tests are conducted according to the latest version of the methods, unless another version is specifically indicated. Where available and for convenience purposes, the tested sample has been checked for compliance with supplied specifications, without accepting any liability. In case of dispute or concern, we refer to the interpretation of test results as defined in ASTM D3244, IP 367, ISO 4259 or GOST 33701. This report shall not be partially copied and reproduced without the written permission of the laboratory.

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Sample type : Sampled  
Sample submitted as : Unleaded Gasoline  
Marked : Product Representing E Power

NAME	METHOD	UNIT	SPECS		RESULT
			Min	Max	
Ethers (C5 or more)		vol %	Report		3.6
Other oxygenates		vol %	Report		<0.1
Total organically bound oxygen		mass %		2.7	0.76
Manganese (Mn)	ASTM D 3831	mg/l		2	<0.25

### Lab comments:

The results are referred to the tested sample.

Q Analysis accredited by NAB-MALTA. Testing laboratory Reg No 007.

All tests are reported according to the latest method version available.

If required, estimated expanded uncertainty U with coverage factor=2 corresponding to level of probability of about 95%, can be provided.

Sampling performed according to ASTM D5842-14.

Signed by: Francois Zammit - Laboratory Manager  
Issued by: Saybolt Malta Ltd  
Place and date of issue: Kalafrana - 2020-02-25

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