

## Testing report no:60800; date:08/11/2025 21:23:38

Customer: ROMPETROL RAFINARE SA  
 Sample: GASOLINE SM EN 228  
 Receiving date: 08/11/2025 20:45:00  
 Completion date: 08/11/2025  
 Sampling method: ASTM D 4057-2022\*  
 Tenks: B87/07.11.2025.18.45-LPP93337 FOR BARGE GILLA  
 Sampled by: RQC-UTI  
 Contract/Order: Contract RR nr. 5/ 07.01.2019/ PI- rev.7 RRC.P&E  
 Ship: BARGE GILLA/LPP93617  
 Sample tested: 5 L  
 Customer address: Navodari,B-dul Navodari nr. 215, Pavilion Administrativ,Constanta

No.	Property	Test Method	UM	Required value	Determined value	Uncertainty <sup>3)</sup>
1	Etyl Tert Butyl Eter	EN ISO 22854:2021(procedura A)	% (v/v)	-	0,09	-
2	Metyl Tert Butyl Eter	EN ISO 22854:2021(procedura A)	% (v/v)	-	12,19	-
3	Tert Amil Methyl Ether	EN ISO 22854:2021(procedura A)	% (v/v)	-	<0,03	-
4	Density At 15°C	EN ISO 12185:2024	kg/m <sup>3</sup>	min. 720,0 max. 775,0	743,8	-
5	Motor Octane Number	EN ISO 5163:14		min. 85,0	85,0	-
6	Research Octane Number	EN ISO 5164:14		min. 95,0	97,1	-
7	Benzene	EN ISO 22854:2021(procedura A)	% (v/v)	max. 1,00	0,81	-
8	Aromatics	EN ISO 22854:2021(procedura A)	% (v/v)	max. 35,0	31,1	-
9	Olefins	EN ISO 22854:2021(procedura A)	% (v/v)	max. 18,0	14,4	-
10	Oxygen Content	EN ISO 22854:2021(procedura A)	% (m/m)	max. 3,7	2,30	-
11	Methanol	EN ISO 22854:2021(procedura A)	% (v/v)	max. 3,0	0,07	-
12	Ethanol	EN ISO 22854:2021(procedura A)	% (v/v)	max. 10	<0,03	-
13	Iso Propyl Alcohol	EN ISO 22854:2021(procedura A)	% (v/v)	max. 12	<0,03	-
14	Iso Butyl Alcohol	EN ISO 22854:2021(procedura A)	% (v/v)	max. 15	<0,03	-
15	Tert Butyl Alcohol	EN ISO 22854:2021(procedura A)	% (v/v)	max. 15	<0,03	-
16	Ethers (5 Or More C Atoms)	EN ISO 22854:2021(procedura A)	% (v/v)	max. 22	12,28	-
17	Other Oxygenates	EN ISO 22854:2021(procedura A)	% (v/v)	max. 15	<0,03	-
18	Lead Content	EN 237:2004:05	mg/l	max. 5,0	<2,5	-
19	Sulfur Content	EN ISO 20846:19	mg/kg	max. 10,0	<3	-
20	Manganese	EN 16135:12	mg/l	max. 2,0	<2	-
21	Oxidation Stability	EN ISO 7536:01	minutes	min. 360	>900	-
22	Existent Gums (After Solvents Wash)	EN ISO 6246:2017,EN ISO 6246:2017/A1:2020	mg/100ml	max. 5	1,0	-
23	Corrosion, Copper Strip (3H At 50°C)	EN ISO 2160:03	evaluation	class1	1b	-
24	Appearance	Visual inspection*		clear and bright	clear and bright	-
25	Procente Evaporate La 70°C, Tranzitie	EN ISO 3405:19	% (v/v)	min. 22,0 max. 52,0	35,3	-
26	Procente Evaporate La 100°C, Tranzitie	EN ISO 3405:19	% (v/v)	min. 46,0 max. 72,0	57,2	-
27	Procente Evaporate La 150°C, Tranzitie	EN ISO 3405:19	% (v/v)	min. 75,0	87,7	-
28	Final Boiling Point	EN ISO 3405:19	°C	max. 210	201,2	-
29	Residue Of Distillation	EN ISO 3405:19	% (v/v)	max. 2,0	0,9	-
30	Vapour Pressure	EN 13016-1:2024	kPa	min. 45,0 max. 90,0	86,2	-
31	Volatility Index Transition	Calculation*		max. 1164	1109	-

Amendment: not applicable  
 Remarks:



- The Rompetrol Quality Control SRL laboratory is accredited by RENAR for testing activities in compliance with SR EN ISO/CEI 17025:2018 as specified in the accreditation certificate no. LI 333. The tests covered by the accreditation are available at [www.renar.ro](http://www.renar.ro)
- The marked tests are not covered by the RENAR accreditation.
- Expanded uncertainty of 95% confidence level with coverage factor k=2.
- The testing report cannot be partially reproduced without explicit written approval of the testing laboratory.
- The testing results refer to the tested sample and not the entire lot.
- The observations contained in this report are not covered by the Renar accreditation.

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