

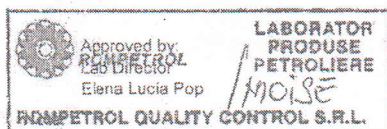
Testing report no:60800; date:08/11/2025 21:23:38

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*
 Tanks: 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 ³⁾
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 ³	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	Isopropyl Alcohol	EN ISO 22854:2021(procedura A)	% (v/v)	max. 12	<0,03	-
14	Isobutyl 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:



1. 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. LI333. The tests covered by the accreditation are available at www.renar.ro
2. "N" The marked tests are not covered by the RENAR accreditation.
3. Expanded uncertainty of 95% confidence level with coverage factor k=2
4. The testing report cannot be partially reproduced without explicit written approval of the testing laboratory
5. The testing results refer to the tested sample and not the entire lot.
6. The observations contained in this report are not covered by the Renar accreditation

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