

Test report no. PBZ-0007001E from: 22.10.2018

The product: **Gasoline RON 92**
 Produced by OMV Petrom SA in Petrobrazi refinery.
 Lot : Average sample 20 Railway tanks(T64)
 Order : from: 20.10.2018
 Sample from : 20.10.2018 hour:07:30 sampling according to EN ISO 3170

The following parameters were measured:

Crt no.	Property	Unit	Value measured	Test method
1	Density at 15°C	kg/m ³	753.2	EN ISO 12185 EN ISO 3675
2	Research octane number, RON		94.0	EN ISO 5164
3	Motor octane number, MON		83.0	EN ISO 5163
4	Lead content	mg/l	<2.5	EN 237
5	Benzene content	% (v/v)	0.59	EN ISO 22854
6	Sulphur content,	mg/ Kg	10	EN ISO 20846 EN ISO 20884
7	Existent gum content (solvent washed)	mg/100ml	3	EN ISO 6246
8	Appearance	-	Uncoloured, clear and bright	Visual inspection
9	Cooper strip corrosion (3 hours at 50°C)	rating	1b	EN ISO 2160
10	Oxidation stability	minutes	>600	EN ISO 7536
11	Distillation: -10% (v/v) dist up to -50% (v/v) dist up to -90% (v/v) dist up to -final boiling point - residue and losses	°C °C °C °C % (v/v)	53.7 109.1 172.9 205.9 2.1	EN ISO 3405
12	Vapour pressure -summer -winter	kPa	63.6 -	EN 13016-1
13	Hydrocarbon type content: Aromatics	% (v/v)	31.2	EN ISO 22854
14	DOCTOR TEST		negative	ASTM D 4952

Additional Information for the Issuance of the invoice:

- density at the sample temperature t °C, kg/m³ 753.2
 - sample temperature, t °C 15.0
 - density at 15 °C corrected to air, kg/m³ 752.1

Head of Quality Control Department Petrobrazi or delegated responsible

Name: Lixandru Dumitru signature.....

OMV Petrom S.A.
 PETROBRAZI
 CONTROLUL CALITATII
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OMV Petrom S.A.

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