

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:

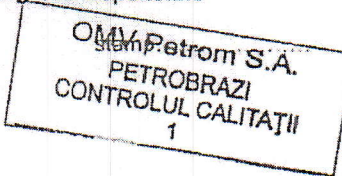
| Crt no. | Property | Unit | Value measured | Test method |
|---------|--|---------------------------------|--|------------------------------|
| 1 | Density at 15°C | kg/m ³ | 753.2 | EN ISO 12185 EN ISO 3675 |
| 2 | Research octane number, RON | | 94.0 | EN ISO 5164 |
| 3 | Motor octane number, MON | | 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.

