

# 99 Octane Unleaded Petrol

**Date of sampling: 26.04.2019**

**Samples taken by: independent inspectors**

| TEST                           | UNIT              | METHOD      | RESULT         |
|--------------------------------|-------------------|-------------|----------------|
| Appearance                     |                   | Visual      | Clear & bright |
| RON                            |                   | IP 237      | 99.0           |
| MON                            |                   | IP 236      | 87.4           |
| Density at 15°C                | kg/m <sup>3</sup> | IP 365      | 757.3          |
| Lead                           | mg/l              | IP 428      | < 2.5          |
| Sulphur content                | mg/kg             | IP 490      | 4.3            |
| Copper corrosion 3 hrs at 50°C |                   | IP 154      | 1a             |
| Benzene                        | % (v/v)           | IP 429      | 0.7            |
| M.T.B.E                        | % (v/v)           | IP 466      | 4.9            |
| E.T.B.E                        | % (v/v)           | IP 466      | < 0.2          |
| Methanol                       | % (v/v)           | IP 466      | < 0.2          |
| Ethanol                        | % (v/v)           | IP 466      | 5.0            |
| Iso-Propanol                   | % (v/v)           | IP 466      | < 0.2          |
| Sec-Butanol                    | % (v/v)           | IP 466      | < 0.2          |
| T.A.M.E                        | % (v/v)           | IP 466      | < 0.2          |
| Tert-Butanol                   | % (v/v)           | IP 466      | < 0.2          |
| Iso-Butanol                    | % (v/v)           | IP 466      | < 0.2          |
| Oxygen content                 | % (m/m)           | IP 466      | 2.69           |
| Vapour pressure                | kPa               | IP 394      | 58.3           |
| I.B.P                          | °C                | EN ISO 3405 | 34.4           |
| 10% v rec. at                  | °C                | EN ISO 3405 | 53.8           |
| 50% v rec. at                  | °C                | EN ISO 3405 | 100.0          |
| 90% v rec. at                  | °C                | EN ISO 3405 | 149.5          |
| F.B.P                          | °C                | EN ISO 3405 | 190.2          |
| % v evap. at 70°C              | % (v/v)           | EN ISO 3405 | 31.6           |
| % v evap. at 100°C             | % (v/v)           | EN ISO 3405 | 49.9           |
| % v evap. at 150°C             | % (v/v)           | EN ISO 3405 | 90.3           |
| Residue                        | % (v/v)           | EN ISO 3405 | 1.0            |
| Aromatics                      | % (v/v)           | IP 156      | 33.6           |
| Olefins                        | % (v/v)           | IP 156      | 8.6            |