



Title : Specifications of Imported gasoline (Unleaded Premium-95)<sup>1</sup>

| S.N | Characteristics                  |                      | Test Method  | Control Limits |
|-----|----------------------------------|----------------------|--------------|----------------|
| 1   | Reid Vapor Pressure @ 37.8°C     | Kg / cm <sup>2</sup> | ASTM D-5191  | Max. 0.7       |
| 2   | Density @ 15 °C                  | g / ml               | ASTM D-4052  | 0.720 – 0.775  |
| 3   | Distillation Characteristics:    |                      | ASTM D - 86  |                |
| 3.1 | 10% of Volume Distillate @       | °C                   |              | Max. 70        |
| 3.2 | 50% of Volume Distillate @       | °C                   |              | Max. 120       |
| 3.3 | 90% of Volume Distillate @       | °C                   |              | Max. 180       |
| 3.4 | Final Boiling Point              | °C                   |              | Max. 210       |
| 3.5 | Recovery                         | Volume %             |              | Report         |
| 3.6 | Residue                          | Volume %             |              | Max. 2.0       |
| 3.7 | Loss                             | Volume %             |              | Report         |
| 4   | Total Sulfur                     | Mass %               | ASTM D-4294  | Max. 0.05      |
| 5   | Corrosion Copper ( 3 hr @ 50 °C) | Class.               | ASTM D-130   | Max. 1a        |
| 6   | Oxidation Stability              | Minutes              | ASTM D-525   | >360           |
| 7   | Existent Gum                     | mg/100 ml            | ASTM D-381   | Max. 5.0       |
| 8   | Octane number ( RON )            | -                    | ASTM D-2699  | Min. 95        |
| 9   | Lead Content                     | mg / L               | ASTM D-3116  | Max. 5         |
| 10  | Color                            | -                    | Visual       | Clear          |
| 11  | Oxygenates                       | Volume %             | ASTM D-6839  | 0.0            |
| 12  | Benzene Content                  | Volume %             | ASTM D- 6839 | Max. 2         |
| 13  | Aromatics                        | Volume %             | ASTM D- 6839 | Max. 42.0      |
| 14  | Manganese                        | mg / L               | ASTM D- 3831 | 0.0            |
| 15  | Acetone                          | mg / L               | ASTM D- 6839 | 0.0            |
| 16  | Olefins                          | Volume %             | ASTM D- 6839 | Max. 18        |

<sup>1</sup> Specifications from Refined Products Sale and Purchase Agreement, signed by local distribution companies dated April, 2013