

| SN. | PARAMETER | METHOD | SPECIFICATION |
|-----|---|-------------------------------------|---|
| 1 | Toluene, % by mass | ASTM D 7504 | Min 99.8 |
| 2 | Appearance | Visual | Clear liquid free of sediment & haze when observed at 18.3 to 25.6 °C |
| 3 | Colour, Pt-Co scale | IS 8768 | Max 10 |
| 4 | Density @ 20°C, g/ml | ASTM D 4052 / IS:537- Annex A | 0.8650 to 0.8700 |
| 5 | Density @ 15°C, g/ml | ASTM D 4052 / IS 537- Annex A | To be reported |
| 6 | Total Sulphur, ppm | ASTM D 5453 | To be reported |
| 7 | Non Aromatic Hydrocarbons, % by mass | ASTM D 7504 / ASTM D 2360 | Max 0.1 |
| 8 | Benzene Content, % mg/Kg | ASTM D 7504 | Max 500 |
| 9 | Thiophene, mg/Kg | ASTM D 4735 | To be reported |
| 10 | C8+ Aromatics, ppm | ASTM D 7504 | Max 1000 |
| 11 | Hydrogen Sulphide & Sulphur dioxide | IS 537- Annex E | Absent |
| 12 | Distillation range incl. temperature 110.6°C at 101.3 Kpa, °C | IS 537- Annex C | Max 0.6 |
| 13 | Water content, ppm | ASTM D 6304 / IP 438 / Karl Fischer | Max 500 |

Remarks: Product conforms to IS 537:2011 specification