

Specification For DI ETHYLENE GLYCOL (DEG)

| Sr. No | Parameters | Test Method | UOM | Specification |
|--------|---|-------------|-------|--------------------------|
| 1 | Appearance # | ASTM D4176 | -- | Clear, Colourless Liquid |
| 2 | Suspended matter # | ASTM D4176 | -- | NIL |
| 3 | Odour # | ASTM D1296 | -- | Mild |
| 4 | Colour APHA # | ASTM D1209 | -- | 10 Max |
| 5 | Water | ASTM E1064 | mg/kg | 350 Max |
| 6 | DEG content | ASTM E2409 | wt% | 99.80 Min |
| 7 | MEG + TEG | ASTM E2409 | wt% | 0.200 Max |
| 8 | Specific gravity at 20/20°C | ASTM D4052 | -- | 1.1170 – 1.1200 |
| 9 | Distillation temperature at 5% volume | ASTM D1078 | °C | 242.0 Min |
| 10 | Distillation temperature at 95% volume | ASTM D1078 | °C | 250.0 Max |
| 11 | Acidity as Acetic acid (CH ₃ COOH) | ASTM E2679 | mg/kg | 30.0 Max |
| 12 | UV Transmittance at 220nm # | ASTM E2193 | % | 35.0 Min |
| 13 | UV Transmittance at 275nm # | ASTM E2193 | % | 80.0 Min |
| 14 | UV Transmittance at 350nm # | ASTM E2193 | % | 95.0 Min |

Packing: - Packing in Drums

For Industrial Use Only

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