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| **ANALYTICAL PRODUCTS SPECIFICATIONS DIESEL FUEL EN590 10PPM STANDARD EXPORT QUALITY** |
| **COMPONENT** | **METHOD OF ANALYSIS** | **UNIT** | **RESULT** |
| **Min.** | **Max.** |
| Aspect Color | Visual inspection ASTM D1500 |  | Clear | 2.0 |
| Density @ 15o | ENISO3675:98/ENISO12185:96/ C1:2001 | Kg/m3 | 820.0 | 845.0 |
| Flash Point | EN ISO 2719:2002 | 0C | 55(1) |  |
| Distillation: |  |  |  |  |
| - Recovered @ 150 0C |  | % vol |  | 2.0 |
| - Recovered @ 250 0C | EN ISO 3405:2000 | % vol | 85.0(2) | 65.0(2) |
| - Recovered @ 350 0C |  | % vol |  |  |
| - Recovered @ 95% |  | 0C |  | 360.0 |
| Cold Filter Plugging PointC.F.P.P. (summer) (3)C.F.P.P. (winter) (3) | EN 116:1997 | 0C0C | 50.0 | -2-12 |
| Cloud Point (summer) Cloud Point (winter) | EN 23015:1994 | 0C0C | Report | 0 |
| Cetane Number | EN ISO 5165:1998 | no | 51.0 |  |
| Cetane Index | EN ISO 4264:1996 | Index | 46.0 |
| Viscosity @ 40 0C | EN ISO 3104:1996 | mm2/s | 2.00 | 4.50 |
| Water Content | EN ISO 12937:2000 | mg/kg |  | 200 |
| Total Contamination | EN ISO 12662:2002 | mg/kg |  | 15 |
| Sulfur Content | EN ISO 20884:2004 | mg/kg |  | 10.0 |
| Corrosion to Copper Strip (3hr at 50 | EN ISO 2160:1998 | Indice | 1st Class |
| Carbon Residue(on 10% distillation residue) | EN ISO 10370:1995 | % weight |  | 0.15 |
| Total Acidity | ASTM D974:2002 | mgKHO/g |  | 0.3 |
| Ash Content | EN ISO 6245:2002 | % weight |  | 0.01 |
| Lubricity, Correct Wear Scar Oxidation | ENISO12156-1:2000EN | µm |  | 460 |
| Stability | ISO12205:1996 | g/m3 | 20 |  |
| Electrical Conductivity(4) | IP274;ASTM2624;ISO6297 | pS/m | 50 |  |
| Poluciclic Aromatic Hydrocarbons | EN 12916:2001 | %m/m |  | 11.0(6) |
| Biodiesel Content (5) | EN 14078:2003 | % vol | 4.5 | 7.0 |