

### ANHYDROUS ETHANOL

| Item                                     | Standard       | Test Method        |
|--|----------------|--------------------|
| 1. % Alcohol @ 20 °C (%v/v)              | $\geq 99.5$    | OIML-ITS90         |
| 2. Higher alcohol (C3 - C5) (%v/v)       | $\leq 2.0$     | EN 2870 Method III |
| 3. Methanol (%v/v)                       | $\leq 0.5$     | EN 2870 Method III |
| 4. Solvent wash gum (mg/100ml)           | $\leq 5.0$     | ASTM D 381-04      |
| 5. % Water Content (% w/w)               | $\leq 0.30$    | ASTM E 203-96      |
| 6. Inorganic chloride (mg/l)             | $\leq 20$      | ASTM D 512-89 (99) |
| 7. Copper (mg/kg)                        | $\leq 0.07$    | ASTM D 1688-04     |
| 8. Acidity(mg/l)                         | $\leq 30$      | ASTM D 1613-96     |
| 9. pHe                                   | 6.5 - 9.0      | ASTM D 6423-99     |
| 10. Electrical Conductivity ( $\mu$ S/m) | $\leq 500$     | ASTM D 1125        |
| 11. Appearance                           | Clear & Bright | Visual             |
| 12. Density @ 20°C (g/cm <sup>3</sup> )  | $\leq 0.7915$  | ASTM D 4052-96     |