

# Methanol

| Property                              | Specification                        | Analytical Test Method |
|---------------------------------------|--------------------------------------|------------------------|
| Purity Wt%                            | 99.85 Min.                           | ASTM E-346             |
| Water W/W%                            | 0.10 Max.                            | ASTM E-1064            |
| Ethanol W/W%                          | 0.005 Max.                           | ASTM E-346             |
| Specific Gravity @20/20, °C           | 0.7928 Max.                          | ASTM D-4052            |
| Acetone, W/W%                         | 0.003 Max.                           | ASTM E-346             |
| Permanganate Time Test, Minutes       | 60 Min.                              | ASTM D-1363            |
| Non Volatile Matter, mg/1000 ml       | 8 Max.                               | ASTM D-1353            |
| Distillation Range @ 760 mm-Hg, °C    | 1.0 Max.                             | ASTM D-1078            |
| Color Pt-Co, APHA                     | 5 Max                                | ASTM D-1209            |
| Carbonizable, APHA                    | 30 Max.                              | ASTM E-346             |
| Miscibility                           | Passes Test                          | ASTM D-1722            |
| Total Iron, mg/kg                     | 0.1 Max.                             | ASTM E-202             |
| Chloride as Cl <sup>-</sup> , mg/kg   | 0.5 Max.                             | ASTM D-512             |
| Appearance                            | Clear and Free from Suspended Matter | IMPCA 003-9B           |
| Odor                                  | Non-Residual                         | ASTM D-1296            |
| Alkalinity as NH <sub>3</sub> , W/W%  | 0.003 Max.                           | ASTM D-1614            |
| Acidity as CH <sub>3</sub> COOH, W/W% | 0.003 Max                            | ASTM D-1613            |
| Hydrocarbons                          | Passes Test                          | ASTM D-1722            |
| Sulphur, mg/kg                        | 0.5 Max.                             | ASTM D-5623            |
| Aromatics, UV Test                    | Passes Test                          | IMPCA 004-02           |

