

## **METHANOL SPECIFICATION AA Grade**

| <b>Characteristics</b>             | <b>Requirement</b>   |
|------------------------------------|--|
| Acetone and Aldehyds wt % max      | 0.003  |
| Acetone wt % max                   | 0.002  |
| Ethanol wt % max                   | 0.001  |
| Acidity (as Acetic Acid) wt % max  | 0.003  |
| Appearance and hydrocarbons        | Free of opalescence Suspended matter and sediment (clear-colorless)        |
| Carbonizable Substances            | Not darker than color standard No. 30 of ASTM-D1209, Platinum-Cobalt Scale |
| Color                              | Not darker than color standard No. 5 of ASTM-D1209, Platinum-Cobalt Scale  |
| Distillation range                 | Not more than 1°C and shall include 64.6°C ±0.1°C at 760 mmHg              |
| Specific Gravity max               | 0.7928 at 20°C   |
| Percent Methanol by wt min         | 99.85  |
| Non-Volatile content mg/100 ml max | 1  |
| Odor                               | Characteristics non-residual   |
| Permanganate Fading time           | No discharge of color in 50 minutes  |
| Water content wt % max             | 0.10   |
| Alkalinity (as ammonia)            | 0.003 wt% max  |

**Origin: Iran**