

Code No.20-0186

## SPECIFICATION

## Toluene

## Guaranteed Reagent

| REQUIREMENT   | SPECIFICATION          |
|---|------------------------|
| * Appearance  | Colorless clear liquid |
| Assay (C <sub>6</sub> H <sub>5</sub> CH <sub>3</sub> ) (GC) | min.99.5%(mass/mass)   |
| Density (20°C)  | 0.864~0.868g/ml        |
| Refractive index 20°C                                       | 1.496~1.498            |
| Water   | max.0.03%(mass/mass)   |
| Residue after evaporation                                   | max.0.001%(mass/mass)  |
| Acidity (as HCl)  | max.0.001%(mass/mass)  |
| Alkalinity (as NaOH)  | max.0.001%(mass/mass)  |
| Sulfur compounds (as S)                                     | max.0.003%(mass/mass)  |
| Thiophene   | to pass test           |
| Substances darkened by sulfuric acid                        | to pass test           |

JIS K 8680:2006\*:Additional test performed by Wako but not required by JIS