

Code No.02-0070

SPECIFICATION

Benzene

Guaranteed Reagent

| REQUIREMENT | SPECIFICATION |
|---|------------------------|
| * Description | Colorless clear liquid |
| Assay (C ₆ H ₆) (GC) | min.99.5%(mass/mass) |
| Appearance | max.10Hazen units |
| Freezing point | min.5.2℃ |
| Density (20℃) | 0.877~0.879g/ml |
| Refractive index 20℃ | 1.499~1.502 |
| Water | max.0.04%(mass/mass) |
| Residue after evaporation | max.0.001%(mass/mass) |
| Acidity (as HCl) | max.4ppm(mass/mass) |
| Alkalinity (as NaOH) | max.4ppm(mass/mass) |
| Sulfur compounds (as S) | max.0.003%(mass/mass) |
| Thiophene | to pass test |
| Substances darkened by sulfuric acid | to pass test |

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*:Additional test performed by Wako