

Code No.02-0070

## SPECIFICATION

## Benzene

## Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Description	Colorless clear liquid
Assay (C <sub>6</sub> H <sub>6</sub> ) (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

JIS K 8858:2007

\*:Additional test performed by Wako