

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°C
Density (20°C)	0.877~0.879g/ml
Refractive index 20°C	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