

## SPECIFICATION

## Benzene

for High Performance Liquid Chromatography

REQUIREMENT	SPECIFICATION
Appearance	Colorless clear liquid
Density (20°C)	0.876~0.880g/ml
Refractive index 20°C	1.499~1.502
Absorbance (280nm)	max.0.70
Absorbance (290nm)	max.0.10
Absorbance (300nm)	max.0.05
Absorbance (340~400nm)	max.0.01
Water	max.0.03%
Residue after evaporation	max.0.001%
Acidity (as HCl)	max.4ppm
Alkalinity (as NaOH)	max.4ppm
Peroxides (as H <sub>2</sub> O <sub>2</sub> )	max.5ppm
Fluorescence test	to pass test
Assay (capillary GC)	min.99.7%