

SPECIFICATION

Benzene
Super Special Grade

REQUIREMENT	SPECIFICATION
Appearance	Colorless clear liquid
Density (20°C)	0.876~0.880g/ml
Freezing point	min.5.2°C
Refractive index 20°C	1.499~1.502
Absorbance (280nm)	max.0.60
Absorbance (300nm)	max.0.05
Absorbance (330nm)	max.0.02
Absorbance (340~400nm)	max.0.01
Water	max.0.02%
Residue after evaporation	max.5ppm
Acidity (as HCl)	max.4ppm
Alkalinity (as NaOH)	max.0.5ppm
Sulfide	to pass test (as S:max.about 1ppm)
Thiophene (C ₄ H ₄ S)	max.0.2ppm
Substances darkened by sulfuric acid	to pass test
Suitability for determination of offensive odour generating	to pass test
Assay (capillary GC)	min.99.8%