

SPECIFICATION

Benzyl Alcohol

Super Special Grade

REQUIREMENT	SPECIFICATION
Appearance	Colorless clear liquid
Solubility in water	to pass test
Density (20°C)	1.043~1.048g/mL
Refractive index 20°C	1.538~1.541
Absorbance (300nm)	max.1.00
Absorbance (320nm)	max.0.30
Absorbance (350nm)	max.0.05
Absorbance (370~400nm)	max.0.01
Water	max.0.2%
Residue after ignition (as sulfate)	max.0.001%
Acidity (as C ₆ H ₅ COOH)	max.0.02%
Chlorinated compounds	to pass test (as Cl:max.about 0.02%)
Benzaldehyde (C ₆ H ₅ CHO)	max.0.1%
Consumption of 0.05mol/L potassium hydroxide solution	max.0.002mL/g
Infrared spectroscopy test	to pass test
Assay (capillary GC)	min.99.5%