

## SPECIFICATION

## Methanol

## Super Special Grade

REQUIREMENT	SPECIFICATION
Appearance	Colorless, clear liquid
Solubility in water	to pass test
Density (20°C)	0.789~0.792g/ml
Refractive index 20°C	1.327~1.330
Absorbance (255nm)	max.0.015
Water	max.0.05%
Residue after evaporation	max.1ppm
Acidity (as HCOOH)	max.5ppm
Alkalinity (as NH <sub>3</sub> )	max.0.2ppm
Chloride (Cl)	max.0.2ppm
Sodium (Na)	max.0.01ppm
Potassium (K)	max.0.005ppm
Copper (Cu)	max.0.002ppm
Magnesium (Mg)	max.0.01ppm
Zinc (Zn)	max.0.01ppm
Lead (Pb)	max.0.002ppm
Arsenic (As)	max.0.05ppm
Manganese (Mn)	max.0.005ppm
Iron (Fe)	max.0.002ppm
Cobalt (Co)	max.0.005ppm
Nickel (Ni)	max.0.005ppm
Acetone and aldehyde (as CH <sub>3</sub> COCH <sub>3</sub> )	max.0.001%
Ethanol (C <sub>2</sub> H <sub>5</sub> OH)	max.0.02%
Substances darkened by sulfuric acid	to pass test
Substances reducing permanganate (as O)	max.2ppm
Assay (capillary GC)	min.99.8%