

Code No.01-0314

SPECIFICATION

Ammonia Solution

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	Colorless clear liquid
Assay (NH ₃)	28.0~30.0%(mass/mass)
Residue after evaporation	max.0.002%(mass/mass)
Carbonate (CO ₃)	max.0.002%(mass/mass)
Chloride (Cl)	max.0.3ppm(mass/mass)
Phosphate (PO ₄)	max.0.5ppm(mass/mass)
Silicate (as SiO ₂)	max.0.001%(mass/mass)
Sulfate (SO ₄)	max.2ppm(mass/mass)
Sulfide (S)	max.0.2ppm(mass/mass)
Sodium (Na)	max.1ppm(mass/mass)
Potassium (K)	max.1ppm(mass/mass)
Copper (Cu)	max.0.1ppm(mass/mass)
Magnesium (Mg)	max.1ppm(mass/mass)
Calcium (Ca)	max.1ppm(mass/mass)
Zinc (Zn)	max.0.1ppm(mass/mass)
Lead (Pb)	max.0.1ppm(mass/mass)
Iron (Fe)	max.0.2ppm(mass/mass)
Nickel (Ni)	max.0.1ppm(mass/mass)
Substances reducing permanganate (as O)	max.8ppm(mass/mass)

JIS K 8085:2021(*:Additional test performed by Wako but not required by JIS)The assay of this product is approximately 28%