

Product Name : Ammonia Solution 28%, Grade AR
Product Code : A5023-1 **CAS Number** : 1336-21-6
Formula : NH₄OH **M. wt** : 35.04 g/mol
Packing : 2.5 Liter, 4 Liter, 20 Liter

Parameter	Specification
Assay (acidimetric)	min. 28.0 %
Carbonate (CO ₂)	max. 10 ppm
Chloride (Cl)	max. 0.5 ppm
Phosphate (PO ₄)	max. 0.2 ppm
Sulfate (SO ₄)	max. 1.0 ppm
Arsenic and Antimony (as As)	max. 0.05 ppm
Silver (Ag)	max. 0.02 ppm
Aluminium (Al)	max. 0.01 ppm
Gold (Au)	max. 0.02 ppm
Boron (B)	max. 0.01 ppm
Barium (Ba)	max. 0.02 ppm
Bismuth (Bi)	max. 0.02 ppm
Calcium (Ca)	max. 0.10 ppm
Cadmium (Cd)	max. 0.01 ppm
Cobalt (Co)	max. 0.01 ppm
Chromium (Cr)	max. 0.01 ppm
Copper (Cu)	max. 0.01 ppm
Iron (Fe)	max. 0.05 ppm
Gallium (Ga)	max. 0.02 ppm
Germanium (Ge)	max. 0.05 ppm
Indium (In)	max. 0.02 ppm
Potassium (K)	max. 0.10 ppm
Lithium (Li)	max. 0.02 ppm
Magnesium (Mg)	max. 0.05 ppm
Manganese (Mn)	max. 0.01 ppm
Molybdenum (Mo)	max. 0.01 ppm
Sodium (Na)	max. 0.20 ppm
Nickel (Ni)	max. 0.01 ppm
Lead (Pb)	max. 0.02 Ppm
Platinum (Pt)	max. 0.02 ppm
Tin (Sn)	max. 0.02 ppm
Strontium (Sr)	max. 0.02 ppm
Titanium (Ti)	max. 0.05 ppm
Thallium (T)	max. 0.01 ppm
Vanadium (V)	max. 0.01 ppm
Zinc (Zn)	max. 0.05 ppm
Zirconium (Zr)	max. 0.02 ppm
Residue on ignition (as SO ₄)	max. 5 ppm
Substances reducing KMnO ₄	max. 3 ppm
Non volatile matter	max. 3 ppm

This certificate is an electronic copy and does not require signature