

## Ammonium Hydroxide 28% Solution, AR.

NH <sub>4</sub> OH	FW. 35.05	Density 1 L = 0.900 Kg.
CAS-No.	1336-21-6	Melting Point - 72 °C
Code	AR1404	Boiling Point 32 °C

### Specifications

(Meet A.C.S. Specifications)

Assay (by acidimetry)	28%	min.
Appearance	Passes test	
Color (APHA)	10	max.
Carbon dioxide (CO <sub>2</sub> )	20	ppm max.
Residue after Ignition	20	ppm max.
Substances reducing permanganate	Passes test	
Chloride (Cl)	0.5	ppm max.
Nitrate (NO <sub>3</sub> )	2	ppm max.
Phosphate (PO <sub>4</sub> )	2	ppm max.
Sulfate (SO <sub>4</sub> )	0.5	ppm max.
Heavy metals (as Pb)	0.5	ppm max.
Aluminium (Al)	0.05	ppm max.
Barium (Ba)	0.01	ppm max.
Cadmium (Cd)	0.05	ppm max.
Calcium (Ca)	0.1	ppm max.
Chromium (Cr)	0.02	ppm max.
Copper (Cu)	0.02	ppm max.
Iron (Fe)	0.1	ppm max.
Lead (Pb)	0.02	ppm max.
Lithium (Li)	0.02	ppm max.
Magnesium (Mg)	0.02	ppm max.
Manganese (Mn)	0.02	ppm max.
Nickel (Ni)	0.02	ppm max.
Potassium (K)	0.1	ppm max.
Sodium (Na)	0.5	ppm max.
Tin (Sn)	0.01	ppm max.
Zinc (Zn)	0.05	ppm max.

TN\_26-08-2019

S-QC03-AR-M-0144 / RV.01 / Eff.date 15-11-19