

Ammonium Hydroxide 28% Solution, Electropure

NH ₄ OH	FW. 35.05	Density 1 L = 0.900 Kg.
CAS-No.	1336-21-6	Melting Point - 72 °C
Code	EP1404	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 ₂)	20	ppm max.
Residue after Ignition	10	ppm max.
Substances reducing permanganate	Passes test	
Chloride (Cl)	0.3	ppm max.
Nitrate (NO ₃)	1	ppm max.
Phosphate (PO ₄)	2	ppm max.
Sulfate (SO ₄)	0.3	ppm max.
Heavy metals (as Pb)	0.2	ppm max.
Aluminium (Al)	0.05	ppm max.
Arsenic (As)	0.05	ppm max.
Barium (Ba)	0.01	ppm max.
Beryllium (Be)	0.01	ppm max.
Bismuth (Bi)	0.02	ppm max.
Boron (B)	0.01	ppm max.
Cadmium (Cd)	0.01	ppm max.
Calcium (Ca)	0.1	ppm max.
Chromium (Cr)	0.02	ppm max.
Cobalt (Co)	0.01	ppm max.
Copper (Cu)	0.02	ppm max.
Gallium (Ga)	0.01	ppm max.
Germanium (Ge)	0.05	ppm max.
Gold (Au)	0.01	ppm max.
Iron (Fe)	0.05	ppm max.
Lead (Pb)	0.01	ppm max.
Lithium (Li)	0.01	ppm max.
Magnesium (Mg)	0.02	ppm max.
Manganese (Mn)	0.005	ppm max.
Molybdenum (Mo)	0.01	ppm max.
Nickel (Ni)	0.01	ppm max.
Potassium (K)	0.1	ppm max.
Silver (Ag)	0.005	ppm max.
Sodium (Na)	0.1	ppm max.
Thallium (Tl)	0.01	ppm max.
Tin (Sn)	0.01	ppm max.
Titanium (Ti)	0.01	ppm max.
Vanadium (V)	0.01	ppm max.
Zinc (Zn)	0.02	ppm max.
Zirconium (Zr)	0.02	ppm max.

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