

Ammonium Hydroxide 28% Solution, AR

NH ₄ OH	FW. 35.05	Density 1 L = 0.900 Kg.
CAS-No.	1336-21-6	Melting Point - 72 °C
Code	AR1472	Boiling Point 32 °C

Specifications

(Meet A.C.S. Specifications)

Assay (by acidimetry)	28.0 - 30.0% w/w
Appearance	Passes test
Carbon dioxide (CO ₂)	0.002 % max.
Residue after Ignition	0.002 % max.
Substances reducing permanganate	Passes test
Chloride (Cl)	0.00005 % max.
Nitrate (NO ₃)	0.0002 % max.
Phosphate (PO ₄)	0.0002 % max.
Sulfate (SO ₄)	0.0002 % max.
Heavy metals (as Pb)	0.00005 % max.
Aluminium (Al)	0.0001 % max.
Barium (Ba)	0.00001 % max.
Boron (B)	0.00002 % max.
Cadmium (Cd)	0.000005 % max.
Calcium (Ca)	0.0001 % max.
Chromium (Cr)	0.000002 % max.
Cobalt (Co)	0.000002 % max.
Copper (Cu)	0.000002 % max.
Iron (Fe)	0.00002 % max.
Lead (Pb)	0.000005 % max.
Lithium (Li)	0.000002 % max.
Magnesium (Mg)	0.0001 % max.
Manganese (Mn)	0.000002 % max.
Molybdenum (Mo)	0.000002 % max.
Nickel (Ni)	0.000002 % max.
Potassium (K)	0.0001 % max.
Sodium (Na)	0.0005 % max.
Strontium (Sr)	0.000002 % max.
Tin (Sn)	0.000002 % max.
Titanium (Ti)	0.00001 % max.
Vanadium (V)	0.00002 % max.
Zinc (Zn)	0.00001 % max.
Zirconium (Zr)	0.000002 % max.

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