

Ammonium Hydroxide, Environmental Grade

NH₄OH FW 35.05
CAS: 1336-21-6

05560-320 6X500 mL 228.92

05560-540 4X4 L 904.54

Specifications

Assay (as NH ₃)	20 - 22%
Color (APHA)	.10 max.
Aluminum (Al)	.1 ppb max.
Antimony (Sb)	.1 ppb max.
Arsenic (As)	.1 ppb max.
Barium (Ba)	.1 ppb max.
Beryllium (Be)	.1 ppb max.
Bismuth (Bi)	.1 ppb max.
Cadmium (Cd)	.1 ppb max.
Calcium (Ca)	.1 ppb max.
Chromium (Cr)	.1 ppb max.
Cobalt (Co)	.1 ppb max.
Copper (Cu)	.1 ppb max.
Iron(Fe)	.1 ppb max.
Lead(Pb)	.1 ppb max.
Lithium (Li)	.1 ppb max.
Magnesium (Mg)	.1 ppb max.
Manganese(Mn)	.1 ppb max.
Mercury (Hg)	.1 ppb max.
Molybdenum(Mo)	.1 ppb max.
Nickel (Ni)	.1 ppb max.
Potassium (K)	.1 ppb max.
Selenium (Se)	.1 ppb max.
Silver (Ag)	.1 ppb max.
Sodium (Na)	.1 ppb max.
Strontium (Sr)	.1 ppb max.
Thorium (Th)	.1 ppb max.
Tin (Sn)	.1 ppb max.
Titanium (Ti)	.1 ppb max.
Uranium (U)	.1 ppb max.
Vanadium (V)	.1 ppb max.
Zinc (Zn)	.1 ppb max.
Zirconium (Zr)	.1 ppb max.

Maximums stated applicable at time of bottling.

Ammonium Hydroxide, 0.1 N, Acculute

Concentrate to prepare 1 L

R0370F 6X amp 124.55

Ammonium Hydroxide 5% V/V Solution

A.P.H.A. Method 3500-Mg D. (Magnesium)

C0191 1L 37.16

C0191 4L 69.77

C0191 20L 151.27

Ammonium Hydroxide 20% V/V Solution

C0192 1L 38.68

C0192 4L 81.57

Ammonium Hydroxide 50% V/V Solution

A.P.H.A. Method 3500-Se D. (Selenium)

C0188 1L 44.53

C0188 4L 90.80

Ammonium Hydroxide, 28%, Reagent, A.C.S.

NH₄OH FW 35.05
CAS: 1336-21-6

05566-460 6X2.5 L 149.91

05566-461 Poly - Glas 6X2.5 L 201.06

A.C.S. Specifications

AppearanceColorless and free from suspended matter or sediment

Assay (as NH ₃)	28.0 - 30.0%
Residue after ignition	.002% max.
Carbon dioxide (CO ₂)	.002% max.
Chloride(Cl)	.05 ppm max.
Phosphate (PO ₄)	.2 ppm max.
Nitrate (NO ₃)	.2 ppm max.
Sulfate (SO ₄)	.2 ppm max.
Heavy metals (as Pb)	.05 ppm max.
Iron (Fe)	.02 ppm max.
Substances reducing permanganate	.P.T.

Ammonium Hydroxide, Volumetric Solution, 5 N

05604-360 1 L 39.75

05604-540 4 L 86.92

1 mL = 85.15mg NH₃

Normality4.95 - 5.05

Traceable to NIST standards

Ammonium Hydroxide, Volumetric Solution, 3 N

05608-320 500 mL 28.05

1mL = 51.09mg NH₃

Normality2.98 - 3.02

Traceable to NIST standards