

## Ammonium Chloride, Reagent, A.C.S.

NH <sub>4</sub> Cl				FW 53.49
CAS: 12125-02-9				
05106-300	500 g	39.01	6X500 g	187.24
05106-380	2 kg	101.76	6X2 kg	496.93

### A.C.S. Specifications

Assay (NH <sub>4</sub> Cl)	99.5% min.
pH of a 5% Solution @ 25°C	4.5 - 5.5
Insoluble matter	0.005% max.
Residue after ignition	0.01% max.
Calcium (Ca)	0.001% max.
Magnesium (Mg)	.5 ppm max.
Heavy metals (as Pb)	.5 ppm max.
Iron (Fe)	.2 ppm max.
Phosphate (PO <sub>4</sub> )	.2 ppm max.
Sulfate (SO <sub>4</sub> )	0.002% max.

## Ammonium Dichromate, Crystals, Reagent, A.C.S.

(NH <sub>4</sub> ) <sub>2</sub> Cr <sub>2</sub> O <sub>7</sub>				FW 252.07
CAS: 7789-09-5				
05324-300	500 g	109.28	6X500 g	522.39

### A.C.S. Specifications

Assay (dried basis [(NH <sub>4</sub> ) <sub>2</sub> Cr <sub>2</sub> O <sub>7</sub> ])	99.5% min.
Insoluble matter and NH <sub>4</sub> OH precipitate	0.005% max.
Loss on drying @ 105°C	3.0% max.
Chloride (Cl)	0.005% max.
Sulfate (SO <sub>4</sub> )	0.01% max.
Calcium (Ca)	0.002% max.
Iron (Fe)	0.002% max.
Sodium (Na)	0.005% max.

## Ammonium Hydroxide, Environmental Grade Plus

NH <sub>4</sub> OH				FW 35.05
CAS: 1336-21-6				
05555-320	500 ml	231.49		
05555-360	1 L	402.92		

### Specifications

Assay (as NH <sub>3</sub> )	20 - 22%
Aluminum (Al)	100 ppt max.
Arsenic (As)	100 ppt max.
Barium (Ba)	100 ppt max.
Beryllium (Be)	100 ppt max.
Bismuth (Bi)	.10 ppt max.
Cadmium (Cd)	.10 ppt max.
Calcium (Ca)	100 ppt max.
Chromium (Cr)	100 ppt max.
Cobalt (Co)	100 ppt max.
Copper (Cu)	100 ppt max.
Iron (Fe)	100 ppt max.
Lead (Pb)	.10 ppt max.
Magnesium (Mg)	100 ppt max.
Manganese (Mn)	100 ppt max.
Nickel (Ni)	100 ppt max.
Potassium (K)	100 ppt max.
Silver (Ag)	100 ppt max.
Sodium (Na)	100 ppt max.
Strontium (Sr)	100 ppt max.
Thallium (Tl)	.10 ppt max.
Tin (Sn)	100 ppt max.
Titanium (Ti)	100 ppt max.
Zinc (Zn)	100 ppt max.

Packaged in Teflon bottles