



SOLVENTS & PETROLEUM

SERVICE

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1405 Brewerton Road • Syracuse NY 13208

Phone: 315-454-4467 | Fax: 315-454-8230

Toll Free: 1-800-315-4467

www.SolventsandPetroleum.com

Ammonium Hydroxide 30%, Semi Grade

<u>Specification</u>	<u>Maximum Limits</u>
Assay (as NH ₃)	28-30%
Color (APHA)	10
Appearance	Pass Test
Residue after Ignition	3 ppm
Carbon Dioxide (CO ₂)	20 ppm
Chloride (Cl)	0.5 ppm
Phosphate (PO ₄)	0.5 ppm
Heavy Metals (as Pb)	0.2 ppm
Substance Red. KMnO ₄	Pass Test
Total Sulfur (as SO ₄)	1 ppm
Arsenic & Antimony (as As)	0.05 ppm
Aluminum (Al)	0.3 ppm
Boron (B)	0.1 ppm
Calcium (Ca)	0.3 ppm
Chromium (Cr)	0.2 ppm
Copper (Cu)	0.1 ppm
Iron (Fe)	0.1 ppm
Magnesium (Mg)	0.3 ppm
Manganese (Mn)	0.2 ppm
Nickel (Ni)	0.1 ppm
Potassium (K)	0.3 ppm
Sodium (Na)	0.3 ppm
Tin (Sn)	0.3 ppm
Titanium (Ti)	0.3 ppm
Zinc (Zn)	0.3 ppm

The preceding data is based on tests and experience, which Solvents and Petroleum Service, Inc. believes reliable, and is supplied for informational purposes only. Solvents and Petroleum Service, Inc. expressly disclaims any liability whatsoever for damage or injury which results from the use of the preceding data and nothing contained herein shall constitute a guarantee, warranty, or representation (including freedom from patent liability) by Solvents and Petroleum Service, Inc. with respect to the data, the product described, or its fitness for use for any specific purpose, even if that purpose is known to Solvents and Petroleum Service, Inc.

For detailed safety and handling information regarding these products, please refer to the respective Solvents and Petroleum Service, Inc. Safety Data Sheets (SDS).