



Aqua Solutions, Inc.

P.O. Box 70 Deer Park, TX 77536 Ph (281-479-2569)



SPECIFICATION SHEET

AMMONIUM HYDROXIDE / REAGENT ACS

| | |
|-------------------------|-------------------------------------|
| Product Code | A4750 |
| Chemical Name / Grade | Ammonium Hydroxide / Reagent ACS |
| Chemical Formula / CAS# | NH ₄ OH / CAS# 1336-21-6 |
| Appearance | Clear liquid |
| Harmonization Code | 2814.20.0000 |

CHEMICAL ANALYSIS / SPECIFICATIONS

| Assay NH ₃ | 28.0 – 30.% min |
|-----------------------------------|-----------------|
| Specifications | Maximum |
| Residue after Ignition | 0.002% |
| Carbon Dioxide (CO ₂) | 0.002% |
| Chloride (Cl) | 0.5ppm |
| Nitrate (NO ₃) | 2 ppm |
| Phosphate (PO ₄) | 2 ppm |
| Sulfate (SO ₄) | 2 ppm |
| Heavy Metals (as Pb) | 0.5 ppm |
| Iron (Fe) | 0.2 ppm |
| Substances reducing Permanganate | Passes test |

This product is suitable for use in applications where the grade indicated above is required.

PREPARATION DATE (MM/DD/YY)

| | |
|--------------|-----------------|
| Original 0.0 | 11/26/2013: STN |
| Revision | |

PLEASE REFER TO THE MATERIAL SAFETY DATA SHEET FOR HEALTH, SAFETY, AND REGULATORY INFORMATION ON THIS PRODUCT.