

Product Specification

Ammonium Hydroxide, ACS Reagent Grade

Lot Number: SAMPLE

Product Number: RABA0020

Date Packaged: N/A

Expiration Date: N/A

Chemical Formula: NH₄OH
Formula weight: 35.05

| |
|-----------------|
| Contains |
|-----------------|

NH₄OH CAS No. 1336-21-6 MW 35.05

| Test | Specification | Result |
|-----------------------------------|-----------------------------|--------|
| Appearance | Colorless liquid | N/A |
| Assay | 28.0-30.0 % NH ₃ | N/A |
| Carbon Dioxide (CO ₂) | max 0.002 % | N/A |
| Chloride (Cl) | max 0.5 ppm | N/A |
| Heavy Metals (as Pb) | max 0.5 ppm | N/A |
| Iron (Fe) | max 0.2 ppm | N/A |
| Nitrate (NO ₃) | max 2 ppm | N/A |
| Phosphate (PO ₄) | max 2 ppm | N/A |
| Residue after Ignition | max 0.002 % | N/A |
| Substances Reducing Permanganate | To Pass Test | N/A |
| Sulfate (SO ₄) | max 2 ppm | N/A |

Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document traceability and production history for each lot manufactured.

| Part Number | Size / Package Type | Shelf Life (Unopened Container) |
|-----------------|-------------------------------|---------------------------------|
| RABA0020-2.5D1 | 2.5 L glass | 36 months |
| RABA0020-20E1 | 20 L Ropak™ | 36 months |
| RABA0020-4X2.5D | 4 x 2.5 L safety-coated glass | 36 months |
| RABA0020-500D1 | 500 mL glass | 36 months |
| RABA0020-6x500D | 6 x 500 mL glass | 36 months |

Recommended Storage: 15°C - 30°C (59°F - 86°F)

This Certificate of Analysis is designed to comply with ISO Guide 31 "Reference Materials -- Contents of Certificates and Labels."