



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-214535
Lot Number: SAMPLE
Product Name: Ammonium hydroxide solution
CAS Number: 1336-21-6
Molecular Formula: NH_4OH
Molecular Weight: 35.05

| Test | Specification | Result |
|---------------------------|------------------|-------------|
| Purity | 28.0% - 30.0% | 29.1% |
| Residue after evaporation | $\leq 0.002\%$ | $< 0.002\%$ |
| Solution (Clarity) | Clear, colorless | Complies |
| Heavy Metals (Pb) | ≤ 0.5 ppm | < 0.5 ppm |
| Carbon dioxide | $\leq 0.002\%$ | $< 0.002\%$ |
| Chloride | ≤ 0.5 ppm | < 0.5 ppm |
| Iron | ≤ 0.2 ppm | < 0.2 ppm |
| Nitrate | ≤ 2 ppm | < 2 ppm |
| Phosphate | ≤ 2 ppm | < 2 ppm |
| Sulfate | ≤ 2 ppm | < 2 ppm |

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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