

## Certificate of Analysis

Date of Testing: 2024-12-14 14:24:39  
Date of Next Testing: 2025-12-14 14:24:39  
Product Name: **Ammonium hydroxide solution**  
CAS Number: 1336-21-6  
Specifications & Purity: PrimorTrace™, ≥99.999% metals basis, 28% in H2O  
Lot #: L2412289  
SKU #: **A112085**  
Version: **1**  
Analysis #: **449472**

Parameter	Limit Values	Result
Ammonia (NH3)	28-30 (%)	28.89 %
Purity	99.999-100 (%)	100.00 %
Trace Metal Analysis	0-10 (ppm)	9.00 ppm
Appearance (A112085)	Colorless Liquid	Colorless liquid
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
Solvent(H2O)	Conform	Conform



John Su  
QA & QC Manager