

## Certificate of Analysis

Date of Testing: 2024-10-10 10:18:16  
Date of Next Testing: 2025-10-10 10:18:16  
Product Name: **Ammonia solution**  
CAS Number: 1336-21-6  
Specifications & Purity: AR, 25-28%  
Lot #: J2408045  
SKU #: **A112077**  
Version: **0**  
Analysis #: **412381**

Parameter	Limit Values	Result
Phosphate(PO4)	0-0.0001 (%)	0.00 %
Assay(NH3)	25-28 (%)	25.74 %
Carbonate	0-0.001 (%)	0.00 %
Sulfate(SO42-)	0-0.0002 (%)	0.00 %
Potassium(K)	0-0.001 (%)	0.00 %
Magnesium(Mg)	0-0.0001 (%)	0.00 %
Evaporation Residue	0-0.002 (%)	0.00 %
Lead(Pb)	0-0.5 (ppm)	0.00 ppm
Iron(Fe)	0-0.2 (ppm)	0.00 ppm
Sodium(Na)	0-0.0005 (%)	0.00 %
Calcium(Ca)	0-0.0001 (%)	0.00 %
Chloride (Cl-)	0-0.5 (ppm)	0.00 ppm
Copper(Cu)	0-0.1 (ppm)	0.00 ppm
Potassium permanganate reducing substances	0-0.0008 (%)	0.00 %
(S)Sulfide	0-0.00002 (%)	0.00 %
Appearance (A112077)	Colorless, transparent liquid	Colorless, transparent liquid



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ALADDIN SCIENTIFIC CORPORATION

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A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager