

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-02 13:56:18
Date of Next Testing: 2028-09-01 13:56:18
Product Name: **Ammonia solution**
CAS Number: 1336-21-6
Specifications & Purity: ACS, 28.0-30.0% NH3 basis
Lot #: H2428069
SKU #: **A112081**
Version: **0**
Analysis #: **405902**

| Parameter | Limit Values | Result |
|---------------------------|------------------|------------------|
| Phosphate(PO4) | 0-2 (ppm) | 0.10 ppm |
| (NO3)Nitrate | 0-2 (ppm) | 0.00 ppm |
| Heavy metal (as Pb) | 0-0.5 (ppm) | 0.04 ppm |
| Ignition Residue(Ash) | 0-0.002 (%) | 0.00 % |
| Ammonia(Titration by HCl) | 28-30 (%) | 28.93 % |
| Carbon Dioxide | 0-0.002 (%) | 0.00 % |
| Iron(Fe) | 0-0.2 (ppm) | 0.00 ppm |
| Sulfate(SO42-) | 0-2 (ppm) | 0.05 ppm |
| Chloride (Cl-) | 0-0.5 (ppm) | 0.05 ppm |
| Appearance (A112081) | Colorless Liquid | Colorless liquid |



John Su
QA & QC Manager