

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-11-07 13:36:54
Date of Next Testing: 2026-11-06 13:36:54
Product Name: **Ammonia solution**
CAS Number: 1336-21-6
Specifications & Purity: ACS, 28.0-30.0% NH3 basis
Lot #: K2204209
SKU #: **A112081**
Analysis: **152148**

Parameter	Limit Values	Result
Phosphate(PO4)	0-2 (ppm)	1.20 ppm
(NO3)Nitrate	0-2 (ppm)	1.50 ppm
Heavy metal (as Pb)	0-0.5 (ppm)	0.02 ppm
Ignition Residue(Ash)	0-0.002 (%)	0.00 %
Ammonia(Titration by HCl)	28-30 (%)	28.81 %
Carbon Dioxide	0-0.002 (%)	0.00 %
Iron(Fe)	0-0.2 (ppm)	0.05 ppm
Sulfate(SO42-)	0-2 (ppm)	1.50 ppm
Chloride (Cl-)	0-0.5 (ppm)	0.30 ppm
Appearance (A112081)	Colorless Liquid	Colorless liquid



John Su
QA & QC Manager