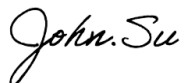


## Certificate of Analysis

Date of Testing: 2021-12-02 11:57:40  
 Date of Next Testing: 2022-12-02 11:57:40  
 Product Name: **Ammonia solution**  
 CAS Number: 1336-21-6  
 Specifications & Purity: Guaranteed Reagent,25-28%  
 Lot #: K2126359  
 SKU #: **A112079**  
**Analysis: 054808**

Parameter	Limit Values	Result
Assay(NH3)	25-28 (%)	27.99 %
(PO4)Phosphate	0-50 (%)	49.99 %
Copper(Cu)	0-5 (%)	3.25 %
Sodium(Na)	0-0.0001 (%)	0.00 %
Potassium(K)	0-0.0001 (%)	0.00 %
Evaporation Residue	0-0.002 (mg/L)	0.00 mg/L
Carbonate	0-0.001 (%)	0.00 %
Sulfate(SO42-)	0-0.0001 (%)	0.00 %
Magnesium(Mg)	0-0.0001 (%)	0.00 %
(Pb)Lead	0-10 (%)	5.63 %
Iron(Fe)	0-10 (%)	9.99 %
Potassium permanganate reducing substances	0-0.0008 (%)	0.00 %
Chloride (Cl-)	0-50 (%)	49.88 %
Calcium(Ca)	0-0.0001 (%)	0.00 %
(S)Sulfide	0-20 (ppm)	19.25 %



John Su  
 QA & QC Manager