

## Certificate of Analysis

Date of Testing: 2022-05-05 18:11:18  
Date of Next Testing: 2026-05-04 18:11:18  
Product Name: **Ammonium chloride**  
CAS Number: 12125-02-9  
Specifications & Purity: Analytical Reagent,99.5%  
Lot #: D2226080  
SKU #: **A116364**  
**Analysis:** **088778**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Sodium(Na)	0-0.005 (%)	0.00 %
Potassium(K)	0-0.005 (%)	0.00 %
Ignition Residue (as sulfate)	0-0.02 (%)	0.01 %
Phosphate(PO4)	0-0.0005 (%)	0.00 %
PH(5% in water,25°C)	4.5-5.5	5.00
Iron(Fe)	0-0.0005 (%)	0.00 %
Assay	99.5-100 (%)	99.99 %
Sulfate(SO42-)	0-0.005 (%)	0.00 %
Calcium(Ca)	0-0.001 (µg/mg)	0.00 µg/mg
Insoluble matter in H2O	0-0.005 (%)	0.00 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager