

Certificate of Analysis

Date of Testing: 2024-12-04 09:15:44

Date of Next Testing: 2028-12-03 09:15:44

Product Name: **Ammonium chloride**

CAS Number: 12125-02-9

Specifications & Purity: AR, ≥99.5%

Lot #: K2429561

SKU #: **A116364**

Version: **0**

Analysis #: **442762**

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 (%)	0.00 %
Phosphate(PO ₄)	0-0.0005 (%)	0.00 %
PH(5% in water,25°C)	4.5-5.5	4.50
Iron(Fe)	0-0.0005 (%)	0.00 %
Assay	99.5-100 (%)	99.99 %
Sulfate(SO ₄ 2-)	0-0.005 (%)	0.00 %
Calcium(Ca)	0-0.001 (µg/mg)	0.00 µg/mg
Insoluble matter in H ₂ O	0-0.005 (%)	0.00 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager