

## Certificate of Analysis

Date of Testing: 2022-09-20 10:15:01  
Date of Next Testing: 2026-09-19 10:15:01  
Product Name: **Ammonium chloride**  
CAS Number: 12125-02-9  
Specifications & Purity: PT  
Lot #: I2214337  
SKU #: **A116367**  
**Analysis:** **138274**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Phosphate(PO4)	0-0.0002 (%)	0.00 %
Heavy metal (as Pb)	0-5 (ppm)	0.00 ppm
Magnesium(Mg)	0-5 (ppm)	1.50 ppm
PH(5% in water,25°C)	4.5-5.5	5.10
Assay	99.5-100 (%)	99.69 %
Iron(Fe)	0-0.0002 (%)	0.00 %
Calcium(Ca)	0-0.001 (%)	0.00 %
Insoluble matter	0-0.005 (%)	0.00 %
Ignition Residue (as sulfate)	0-0.01 (%)	0.00 %
Sulfate(SO42-)	0-0.002 (%)	0.00 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager