

## Certificate of Analysis

Date of Testing: 2022-01-19 17:09:35  
Date of Next Testing: 2026-01-18 17:09:35  
Product Name: **Ammonium chloride**  
CAS Number: 12125-02-9  
Specifications & Purity: ACS,99.5%  
Lot #: A2218206  
SKU #: **A116371**  
**Analysis:** **068659**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-5 (ppm)	0.00 ppm
Magnesium(Mg)	0-5 (ppm)	2.50 ppm
Calcium(Ca)	0-0.001 (µg/mg)	0.00 µg/mg
Phosphate(PO4)	0-0.0002 (%)	0.00 %
Assay	99.5-100 (%)	99.99 %
PH(5% in water,25°C)	4.5-5.5	5.09
Ignition Residue (as sulfate)	0-0.01 (%)	0.00 %
Sulfate(SO42-)	0-0.002 (%)	0.00 %
Insoluble matter	0-0.005 (%)	0.00 %
Iron(Fe)	0-0.0002 (ppm)	0.00 ppm
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager