

Certificate of Analysis

Date of Testing: 2023-11-29 11:00:28
Date of Next Testing: 2027-11-28 11:00:28
Product Name: **Ammonium chloride**
CAS Number: 12125-02-9
Specifications & Purity: ACS,99.5%
Lot #: K2323153
SKU #: **A116371**
Analysis: **300191**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-5 (ppm)	0.63 ppm
Magnesium(Mg)	0-5 (ppm)	1.20 ppm
Calcium(Ca)	0-0.001 (µg/mg)	0.00 µg/mg
Phosphate(PO ₄)	0-0.0002 (%)	0.00 %
Assay	99.5-100 (%)	100.00 %
PH(5% in water,25°C)	4.5-5.5	5.00
Ignition Residue (as sulfate)	0-0.01 (%)	0.00 %
Sulfate(SO ₄ ²⁻)	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