

Certificate of Analysis

Date of Testing: 2023-11-29 10:55:08
Date of Next Testing: 2027-11-28 10:55:08
Product Name: **Ammonium chloride**
CAS Number: 12125-02-9
Specifications & Purity: Guaranteed Reagent, 99.8%
Lot #: K2323078
SKU #: **A116366**
Analysis: **300090**
Storage Temperature: Desiccated

| Parameter | Limit Values | Result |
|-------------------------------|-----------------------|-----------------------|
| Sulfate(SO42-) | 0-0.002 (%) | 0.00 % |
| Potassium(K) | 0-0.005 (%) | 0.00 % |
| Sodium(Na) | 0-0.005 (%) | 0.00 % |
| Insoluble matter in H2O | 0-0.002 (%) | 0.00 % |
| Assay | 99.8-100 (%) | 100.00 % |
| Iron(Fe) | 0-0.0002 (ppm) | 0.00 ppm |
| Lead(Pb) | 0-0.0001 (%) | 0.00 % |
| PH(5% in water, 25°C) | 4.5-5.5 | 5.00 |
| Nickel(Ni) | 0-0.0001 (%) | 0.00 % |
| Magnesium(Mg) | 0-0.0005 (%) | 0.00 % |
| Copper(Cu) | 0-0.0002 (%) | 0.00 % |
| Zinc(Zn) | 0-0.0002 (%) | 0.00 % |
| Calcium(Ca) | 0-0.0005 (µg/mg) | 0.00 µg/mg |
| Phosphate(PO4) | 0-0.0002 (%) | 0.00 % |
| Ignition Residue (as sulfate) | 0-0.005 (%) | 0.00 % |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager