

## Certificate of Analysis

Date of Testing: 2025-04-24 11:22:24  
Date of Next Testing: 2029-04-23 11:22:24  
Product Name: **Ammonium chloride**  
CAS Number: 12125-02-9  
Specifications & Purity: for cell culture  
Lot #: D2523346  
SKU #: **A116373**  
Version: **2**  
Analysis #: **502816**  
Storage Temperature: Desiccated

| Parameter            | Limit Values                       | Result                             |
|----------------------|------------------------------------|------------------------------------|
| Phosphate(PO4)       | 0-0.0002 (%)                       | 0.00 %                             |
| Sulfate(SO42-)       | 0-0.002 (%)                        | 0.00 %                             |
| Purity               | 99.5-100 (%)                       | 99.99 %                            |
| Iron(Fe)             | 0-0.0002 (%)                       | 0.00 %                             |
| Heavy metal (as Pb)  | 0-0.0005 (%)                       | 0.00 %                             |
| Appearance (A116373) | White Crystals, Powder or Granules | White Crystals, Powder or Granules |
| Cell Culture Test    | pass                               | Pass                               |
| Infrared spectrum    | Conforms to Structure              | Conforms to Structure              |
| X-Ray Diffraction    | Conforms to Structure              | Conforms to Structure              |



John Su  
QA & QC Manager