

Certificate of Analysis

Date of Testing: 2024-04-10 10:44:38
Date of Next Testing: 2029-08-12 10:44:38
Product Name: **DL-Cysteine Hydrochloride Monohydrate**
CAS Number: 116797-51-4
Specifications & Purity: >98.0%(T)
Lot #: B1927079
SKU #: **S161428**
Analysis: **341547**

| Parameter | Limit Values | Result |
|--|---------------------------------------|---------------------------------------|
| Purity(Iodometric Titration)(calcd.on anh.substance) | 98-100 (%) | 98.16 % |
| Loss on drying | 8.5-12 (%) | 10.65 % |
| Appearance (S161428) | White to Off-White Powder or Crystals | White to Off-White Powder or Crystals |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager