

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-12-01 17:39:11  
Date of Next Testing: 2026-11-30 17:39:11  
Product Name: **Cystamine Dihydrochloride**  
CAS Number: 56-17-7  
Specifications & Purity: White Powder , >97.0%  
Lot #: K2229752  
SKU #: **C153647**  
Analysis: **039604**

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	11.5-12.9 (%)	12.60 %
Carbon by Elemental Analysis	20.1-21.9 (%)	21.30 %
Purity (Argentmetric Titration)	96.5-103.5 (%)	99.17 %
Melting point	214-222 (°C)	221.93000 °C
Appearance (C153647)	White to Yellow to Tan Powder, Crystals or Chunks	White to Yellow to Tan Powder, Crystals or Chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager