

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-06-05 18:06:02  
Date of Next Testing: 2028-06-04 18:06:02  
Product Name: **D-Cysteine**  
CAS Number: 921-01-7  
Specifications & Purity: Moligand™, ≥98%  
Lot #: F2504427  
SKU #: **D304972**  
Version: **1**  
Analysis #: **517297**  
Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Assay(Titration by Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> )	97.5-102.5 (%)	100.18 %
Specific rotation [ $\alpha$ ] <sub>20/D</sub> (c=5% in 5 M HCl)	-8.6--5.6 (°)	-7.22000 °
Appearance (D304972)	White to off-white Crystalline powder or solid	White to off-white Crystalline powder or solid
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su  
QA & QC Manager