

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-12-14 09:43:15
Date of Next Testing: 2027-12-13 09:43:15
Product Name: **DL-Cystine**
CAS Number: 923-32-0
Specifications & Purity: $\geq 98\%$
Lot #: L2308325
SKU #: **C100539**
Version: **0**
Analysis #: **299124**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Carbon by Elemental Analysis	29.3-30.6 (%)	29.92000 %
Nitrogen by Elemental Analysis	11.3-11.9 (%)	11.57000 %
Purity(HPLC)	98-100 (%)	99.53300 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in 1 M HCl , Colorless to Light Yellow, Clear to Hazy 50mg/ml	pass	Pass



John Su
QA & QC Manager