

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-30 13:32:38

Date of Next Testing: 2027-06-29 13:32:38

Product Name: **DL-Cystine**

CAS Number: 923-32-0

Specifications & Purity: $\geq 98\%$

Lot #: F23251303

SKU #: **C100539**

Version: **0**

Analysis #: **222472**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Carbon by Elemental Analysis	29.3-30.6 (%)	30.20000 %
Nitrogen by Elemental Analysis	11.3-11.9 (%)	11.50000 %
Purity(HPLC)	98-100 (%)	98.73300 %
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