

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-08 13:53:52
 Date of Next Testing: 2027-06-07 13:53:52
 Product Name: **DL-Cystine**
 CAS Number: 923-32-0
 Specifications & Purity: $\geq 98\%$
 Lot #: F2302912
 SKU #: **C100539**
 Version: **0**
 Analysis #: **041276**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Carbon by Elemental Analysis	29.3-30.6 (%)	29.50000 %
Nitrogen by Elemental Analysis	11.3-11.9 (%)	11.40000 %
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