

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-06-11 16:29:22
Date of Next Testing: 2026-06-11 16:29:22
Product Name: **L-Cystine , disodium salt**
CAS Number: 64704-23-0
Specifications & Purity: 98%
Lot #: H2222272
SKU #: **L134101**
Version: **1**
Analysis #: **366038**

Parameter	Limit Values	Result
Specific Rotation [a] _D 20/D(c=1 in 1mol/L HCl)	-179--164 (°)	-168.36 °
Water by Karl Fischer	0-8 (%)	4.21 %
PH	9.5-11	10.17
Purity(HPLC area)	98-100 (%)	98.78 %
Appearance (L134101)	White or light yellow powder	White or light yellow powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager