

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-27 16:57:55

Date of Next Testing: 2027-07-26 16:57:55

Product Name: **L-Homocystine**

CAS Number: 626-72-2

Specifications & Purity: $\geq 98\%$

Lot #: G2320130

SKU #: **H115883**

Version: **0**

Analysis #: **047744**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	10.2-10.7 (%)	10.50000 %
Carbon by Elemental Analysis	35.1-36.5 (%)	36.10000 %
Specific Rotation $[\alpha]_{25/D}(c=1 \text{ in } 1\text{M HCl})$	67-77 (°)	75.46200 °
Purity(HPLC)	98-100 (%)	99.96000 %
Appearance (H115883)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in 1N HCl	pass	Pass



John Su
QA & QC Manager