

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-07-04 10:19:28

Date of Next Testing: 2028-07-03 10:19:28

Product Name: **L-Homocystine**

CAS Number: 626-72-2

Specifications & Purity: $\geq 98\%$

Lot #: I2025257

SKU # **H115883**

Version **0**

Analysis #: **380417**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	10.2-10.7 (%)	10.30000 %
Carbon by Elemental Analysis	35.1-36.5 (%)	35.50000 %
Specific Rotation $[\alpha]_{25/D}(c=1 \text{ in } 1\text{M HCl})$	67-77 (°)	72.30000 °
Purity(HPLC)	98-100 (%)	99.80000 %
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