

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-29 08:32:05

Date of Next Testing: 2028-09-28 08:32:05

Product Name: **DL-N-Acetylhomocysteine thiolactone**

CAS Number: 17896-21-8

Specifications & Purity: $\geq 99\%$

Lot #: I2426057

SKU # **A108031**

Version **1**

Analysis #: **367893**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.86800 %
Melting point	108-113 (°C)	108.61000 °C
Heavy metal (as Pb)	0-20 (ppm)	1.69000 ppm
Sulfate Ash	0-0.1 (%)	0.02000 %
Loss on drying	0-0.5 (%)	0.03000 %
Appearance (A108031)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , 50 mg/ml	pass	Pass
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager