

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-20 14:57:36
 Date of Next Testing: 2027-05-19 14:57:36
 Product Name: **DL-N-Acetylhomocysteine thiolactone**
 CAS Number: 17896-21-8
 Specifications & Purity: $\geq 99\%$
 Lot #: E2311095
 SKU #: **A108031**
 Version: **1**
 Analysis #: **075550**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.82000 %
Melting point	108-113 (°C)	111.20000 °C
Heavy metal (as Pb)	0-20 (ppm)	2.45000 ppm
Sulfate Ash	0-0.1 (%)	0.06000 %
Loss on drying	0-0.5 (%)	0.25000 %
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