

Certificate of Analysis

Date of Testing: 2022-02-22 16:43:05
Date of Next Testing: 2026-02-21 16:43:05
Product Name: **N-Acetyl-L-Cysteine**
CAS Number: 616-91-1
Specifications & Purity: 99%
Lot #: B2218167
SKU #: **A105420**
Analysis: **061228**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation [a] _D ²⁰ (c=2 in H ₂ O)	5-6 (°)	5.00°
Melting point	108-113 (°C)	112.99000 °C
Purity(HPLC)	99-100 (%)	99.01000 %
Appearance (A105420)	White to Off-White Solid, Powder, or Crystals	White to Off-White Solid, Powder, or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O, Colorless, Clear, 100 mg/mL, H ₂ O	pass	Pass



John Su
QA & QC Manager