

Certificate of Analysis

Date of Testing: 2023-02-10 21:38:58
Date of Next Testing: 2027-02-09 21:38:58
Product Name: **N-Acetyl-L-Cysteine**
CAS Number: 616-91-1
Specifications & Purity: 99%
Lot #: B2308430
SKU #: **A105420**
Analysis: **186167**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Melting point	108-113 (°C)	112.00000 °C
Purity(HPLC)	99-100 (%)	99.82900 %
Specific Rotation [α] ₂₀ /D(c=2 in H ₂ O)	5-6 (°)	5.80 °
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