

Certificate of Analysis

Date of Testing: 2022-12-12 09:24:29

Date of Next Testing: 2026-12-11 09:24:29

Product Name: **N-Acetyl-L-Cysteine**

CAS Number: 616-91-1

Specifications & Purity: 99%

Lot #: L2207032

SKU #: **A105420**

Analysis: **148047**

Storage Temperature: Store at 2-8°C, Argon charged

| Parameter | Limit Values | Result |
|--|---|---|
| Purity(HPLC) | 99-100 (%) | 99.82900 % |
| Specific Rotation [α] ₂₀ /D(c=2 in H ₂ O) | 5-6 (°) | 5.10° |
| Melting point | 108-113 (°C) | 112.89000 °C |
| Appearance (A105420) | White to Off-White Solid, Powder, or Crystals | White to Off-White Solid, Powder, or Crystals |
| Solubility in H ₂ O , Colorless, Clear, 100 mg/mL, H ₂ O | pass | Pass |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager