

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-29 19:03:27

Date of Next Testing: 2029-08-28 19:03:27

Product Name: **N-Acetyl-L-Cysteine (NAC)**

CAS Number: 616-91-1

Specifications & Purity: Moligand™, for cell culture, ≥99%

Lot #: H2527188

SKU #: **A105422**

Version: **3**

Analysis #: **565708**

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

Parameter	Limit Values	Result
Melting point	106-113 (°C)	106.90450 °C
Specific Rotation [α] ₂₀ /D(c=2 in H ₂ O)	4.5-6.5 (°)	5.20000 °
Purity(Titration by Iodine)	98.5-102.5 (%)	99.78000 %
Appearance (A105422)	White to Off-White Crystals or powder or crystalline powder	White to Off-White Crystals or powder or crystalline powder
Cell Culture Test	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , clear , colorless , 100 mg plus 1 ml of water	pass	Pass



John Su
QA & QC Manager