

Certificate of Analysis

Date of Testing: 2023-03-02 18:01:35

Date of Next Testing: 2027-03-01 18:01:35

Product Name: **N-Acetylcysteine**

CAS Number: 19764-30-8

Specifications & Purity: 99%

Lot #: B2324066

SKU #: **A106206**

Analysis: **193616**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(Neutralization titration)	98.5-101.5 (%)	100.00 %
Specific Rotation $[\alpha]_{20/D(c=4 \text{ in EtOH})}$	20-24 (°)	21.00°
Purity(HPLC)	99-100 (%)	100.00000 %
Appearance (A106206)	white powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH , Colorless,Clear to Hazy ,50 mg/ml of EtOH	pass	Pass



John Su
QA & QC Manager