

Certificate of Analysis

Date of Testing: 2023-02-23 13:35:26
Date of Next Testing: 2027-02-22 13:35:26
Product Name: **N-Acetylneuraminic acid**
CAS Number: 131-48-6
Specifications & Purity: 98%
Lot #: B2321105
SKU #: **A100555**
Analysis: **064783**
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.10200 %
Specific Rotation [α] ₂₀ /D(c=2 in H ₂ O)	-34--30 (°)	-31.58 °
Appearance (A100555)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility, Clear to Very Slightly Hazy(50 mg/ml of H ₂ O)	pass	Pass



John Su
QA & QC Manager