

## Certificate of Analysis

Date of Testing: 2023-04-18 18:55:17  
Date of Next Testing: 2027-04-17 18:55:17  
Product Name: **N-Acetylneuraminic acid**  
CAS Number: 131-48-6  
Specifications & Purity: 98%  
Lot #: D2310234  
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] <sub>20</sub> /D(c=2 in H <sub>2</sub> 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 <sub>2</sub> O)	pass	Pass



John Su  
QA & QC Manager