

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-26 15:22:43

Date of Next Testing: 2029-03-25 15:22:43

Product Name: **N-Acetylneuraminic acid**

CAS Number: 131-48-6

Specifications & Purity: $\geq 98\%$

Lot #: C2524555

SKU #: **A100555**

Version **0**

Analysis #: **474823**

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.86300 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in H}_2\text{O})$	-34--30 (°)	-32.66600 °
Appearance (A100555)	White to Off-White Powder	White to Off-White Powder
Solubility, Clear to Very Slightly Hazy(50 mg/ml of H ₂ O)	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager