

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-13 11:17:03

Date of Next Testing: 2029-11-12 11:17:03

Product Name: **N-Acetylneuraminic acid**

CAS Number: 131-48-6

Specifications & Purity: $\geq 98\%$

Lot #: K2506217

SKU #: **A100555**

Version: **0**

Analysis #: **592640**

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

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in H}_2\text{O})$	-34--30 ($^{\circ}$)	-32.89000 $^{\circ}$
Purity(HPLC)	98-100 (%)	99.64000 %
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