

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-22 11:02:12
 Date of Next Testing: 2029-03-21 11:02:12
 Product Name: **N-Acetylneuraminic acid**
 CAS Number: 131-48-6
 Specifications & Purity: $\geq 98\%$
 Lot #: C2517298
 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 ($^{\circ}$)	-32.66600 $^{\circ}$
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