

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-02-11 17:01:02

Date of Next Testing: 2029-02-10 17:01:02

Product Name: **N-Acetylneuraminic acid**

CAS Number: 131-48-6

Specifications & Purity:  $\geq 98\%$

Lot #: B2506023

SKU #: **A100555**

Version **0**

**Analysis #:** **129462**

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

| Parameter                                                            | Limit Values              | Result                    |
|----------------------------------------------------------------------|---------------------------|---------------------------|
| Purity(HPLC)                                                         | 98-100 (%)                | 98.92700 %                |
| Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in H}_2\text{O})$      | -34--30 (°)               | -33.53900 °               |
| 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