

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-09-16 13:09:35

Date of Next Testing: 2026-09-15 13:09:35

Product Name: **2'-O-Methyluridine**

CAS Number: 2140-76-3

Specifications & Purity:  $\geq 99\%$

Lot #: K1823125

SKU #: **M119523**

Version: **0**

Analysis #: **135499**

Storage Temperature: Store at 2-8°C

| Parameter                                                       | Limit Values              | Result                    |
|-----------------------------------------------------------------|---------------------------|---------------------------|
| Specific Rotation $[\alpha]_{20/D(c=2 \text{ in H}_2\text{O})}$ | 40-44 (°)                 | 43.85000 °                |
| Purity(Neutralization titration)                                | 98.5-100 (%)              | 98.62000 %                |
| Purity(HPLC)                                                    | 99-100 (%)                | 99.05200 %                |
| Melting point                                                   | 159-163 (°C)              | 159.53000 °C              |
| Appearance (M119523)                                            | White or off-white powder | White or off-white powder |



John Su  
QA & QC Manager