

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-17 13:54:16

Date of Next Testing: 2029-10-16 13:54:16

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

CAS Number: 2140-72-9

Specifications & Purity: $\geq 98\%$ (HPLC)

Lot #: A2213302

SKU # **M119522**

Version **1**

Analysis #: **588106**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$	70-74 (°)	71.47000 °
Melting point	251-259 (°C)	258.03500 °C
Purity(HPLC)	98-100 (%)	99.59000 %
Appearance (M119522)	White or off-white powder or crystals	White or off-white powder or crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager