

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-19 16:21:14
 Date of Next Testing: 2026-07-18 16:21:14
 Product Name: **2'-O-Methylcytidine**
 CAS Number: 2140-72-9
 Specifications & Purity: $\geq 98\%$ (HPLC)
 Lot #: I1428169
 SKU #: **M119522**
 Version: **1**
 Analysis #: **114884**
 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 (°)	72.50000 °
Melting point	251-259 (°C)	255.50000 °C
Purity(HPLC)	98-100 (%)	98.35100 %
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