

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-03-11 15:36:56

Date of Next Testing: 2026-03-10 15:36:56

Product Name: **2'-Deoxy-5-methylcytidine**

CAS Number: 838-07-3

Specifications & Purity: $\geq 99\%$

Lot #: C2205422

SKU #: **D122897**

Version: **0**

Analysis #: **068382**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.62700 %
Specific Rotation $[\alpha]_{20/D(c=1.4 \text{ in H}_2\text{O})}$	42-46 (°)	44.74500 °
Appearance (D122897)	White to off- white powder to crystal	White to off- white powder to crystal
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager