

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-04 11:10:55
 Date of Next Testing: 2027-05-03 11:10:55
 Product Name: **5-Fluoro-2'-deoxycytidine**
 CAS Number: 10356-76-0
 Specifications & Purity: $\geq 98\%$
 Lot #: D2320450
 SKU #: **F118567**
 Version: **1**
 Analysis #: **200626**
 Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.50000 %
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in } H_2O)}$	65-75 (°)	70.29300 °
Appearance (F118567)	White to Off-White to Light yellow Powder	White to off-white to light yellow powder
Solubility >20 mg/mL in DMSO	pass	Pass
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager