

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-27 16:56:58
Date of Next Testing: 2028-01-17 16:56:58
Product Name: **5-Iodo-2'-deoxycytidine**
CAS Number: 611-53-0
Specifications & Purity: $\geq 99\%$
Lot #: L1804142
SKU #: **I119526**
Version: **0**
Analysis #: **642752**
Storage Temperature: Protected from light, Store at -20°C

Parameter	Limit Values	Result
Melting point	180-187 ($^{\circ}\text{C}$)	184.52600 $^{\circ}\text{C}$
Specific Rotation $[\alpha]_{20}^{\text{D}}$ (c=1 in H ₂ O)	27-30 ($^{\circ}$)	28.57 $^{\circ}$
Purity(HPLC)	99-100 (%)	99.61500 %
Appearance (I119526)	White or off-white powder or crystals	White or off-white powder or crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager