

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-24 16:02:33
Date of Next Testing: 2027-06-14 16:02:33
Product Name: **5-Iodo-2'-deoxycytidine**
CAS Number: 611-53-0
Specifications & Purity: $\geq 99\%$
Lot #: F2518015
SKU #: I119526
Version: 0
Analysis #: 533977
Storage Temperature: Protected from light, Store at -20°C

| Parameter | Limit Values | Result |
|--|---------------------------------------|---------------------------------------|
| Melting point | 180-187 ($^{\circ}\text{C}$) | 183.60000 $^{\circ}\text{C}$ |
| Specific Rotation $[\alpha]_{20}^{\text{D}}$ (c=1 in H ₂ O) | 27-30 ($^{\circ}$) | 28.65 $^{\circ}$ |
| Purity(HPLC) | 99-100 (%) | 99.31100 % |
| 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