

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-11-11 12:51:41
 Date of Next Testing: 2024-10-31 12:51:41
 Product Name: **5-Iodo-2'-deoxycytidine**
 CAS Number: 611-53-0
 Specifications & Purity: $\geq 99\%$
 Lot #: K2209691
 SKU #: **I119526**
 Version: **0**
 Analysis #: **146195**
 Storage Temperature: Protected from light, Store at -20°C

Parameter	Limit Values	Result
Melting point	180-187 ($^{\circ}\text{C}$)	186.43000 $^{\circ}\text{C}$
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$	27-30 ($^{\circ}$)	29.67100 $^{\circ}$
Purity(HPLC)	99-100 (%)	99.80000 %
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