

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-18 19:29:54
 Date of Next Testing: 2029-03-17 19:29:54
 Product Name: **2'-Deoxyuridine**
 CAS Number: 951-78-0
 Specifications & Purity: $\geq 99\%$
 Lot #: C2518534
 SKU #: **D100363**
 Version: **2**
 Analysis #: **482542**
 Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.39000 %
Loss on drying	0-1 (%)	0.00000 %
Melting point	164-168 (°C)	166.49000 °C
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in W/V in NaOH})$	50-54 (°)	50.43300 °
Appearance (D100363)	White crystal powder	White crystal powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager