

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-10 13:05:30
Date of Next Testing: 2028-12-09 13:05:30
Product Name: **2'-Deoxyuridine**
CAS Number: 951-78-0
Specifications & Purity: $\geq 99\%$
Lot #: K2429510
SKU #: **D100363**
Version: **1**
Analysis #: **437247**
Storage Temperature: Store at -20°C , Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.31600 %
Loss on drying	0-1 (%)	0.44 %
Melting point	164-168 ($^{\circ}\text{C}$)	168.00000 $^{\circ}\text{C}$
Specific Rotation $[\alpha]_{20}/D(c=1 \text{ in W/V in NaOH})$	50-54 ($^{\circ}$)	50.02 $^{\circ}$
Appearance (D100363)	White crystal powder	White crystal powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager