

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-06-12 13:47:29
Date of Next Testing: 2028-06-11 13:47:29
Product Name: **5'-Deoxy-5-fluorouridine**
CAS Number: 3094-09-5
Specifications & Purity: $\geq 98\%$ (HPLC)
Lot #: F2404278
SKU #: **D155744**
Version: **0**
Analysis #: **317818**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20}^{\text{D}}(c=1 \text{ in H}_2\text{O})$	18-22 ($^{\circ}$)	19.66600 $^{\circ}$
Purity(HPLC)	98-100 (%)	99.85000 %
Melting point	187-191 ($^{\circ}\text{C}$)	190.39000 $^{\circ}\text{C}$
Appearance (D155744)	White to Off-White Solid, Powder, or Crystals	White to Off-White Solid, Powder, or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager