

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2023-08-14 13:22:52
Date of Next Testing:	2027-08-13 13:22:52
Product Name:	5-Fluoro-2'-deoxyuridine
CAS Number:	50-91-9
Specifications & Purity:	Moligand™, ≥99%
Lot #:	H2309322
SKU #	F110732
Version	0
Analysis #:	254370
Storage Temperature:	Store at 2-8°C

Parameter	Limit Values	Result
Wave Length	268-270 (nm)	269.52 nm
EmM	8.6-8.9	8.73
Purity(HPLC)	99-100 (%)	99.80900 %
Melting point	145-153 (°C)	146.47000 °C
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	35-40 (°)	36.91°
Appearance (F110732)	White to Off-White Solid, Powder, or Crystals	White to Off-White Solid, Powder, or Crystals
Solubility in H ₂ O , Colorless ,Clear ,50 mg/mL in H ₂ O	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager