

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-14 13:13:11
Date of Next Testing: 2027-08-13 13:13:11
Product Name: **5-Fluoro-2'-deoxyuridine**
CAS Number: 50-91-9
Specifications & Purity: Moligand™, ≥99%
Lot #: H2309313
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