

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-22 10:37:44
 Date of Next Testing: 2029-11-21 10:37:44
 Product Name: **5-Fluoro-2'-deoxyuridine(FUDR)**
 CAS Number: 50-91-9
 Specifications & Purity: Moligand™, ≥99%
 Lot #: K2514075
 SKU #: **F110732**
 Version: **0**
 Analysis #: **254370**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Wave Length	268-270 (nm)	269.52000 nm
EmM	8.6-8.9	8.73000
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 (°)	36.91400 °
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