

Certificate of Analysis

Date of Testing: 2022-09-22 10:08:08
 Date of Next Testing: 2026-09-21 10:08:08
 Product Name: **5-Fluoro-2'-deoxyuridine**
 CAS Number: 50-91-9
 Specifications & Purity: 99%
 Lot #: 12214492
 SKU #: **F110732**
Analysis: 122742
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Wave Length	268-270 (nm)	269.00 nm
EmM	8.6-8.9	8.70
Purity(HPLC)	99-100 (%)	99.89300%
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	35-40 (°)	38.69°
Melting point	150-153 (°C)	150.01000 °C
Appearance (F110732)	White to Off-White Solid, Powder, or Crystals	White to Off-White Solid, Powder, or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless ,Clear ,50 mg/mL in H ₂ O	pass	Pass



John Su
QA & QC Manager