

## Certificate of Analysis

Date of Testing: 2022-10-13 15:02:17  
Date of Next Testing: 2026-10-12 15:02:17  
Product Name: **2'-Deoxy-2'-fluorouridine**  
CAS Number: 784-71-4  
Specifications & Purity: 98%  
Lot #: J2211942  
SKU #: **D119525**  
**Analysis: 108998**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.58300%
Purity(Neutralization titration)	95-100 (%)	99.68%
Specific Rotation [α] <sub>20</sub> /D(c=0.3 in H <sub>2</sub> O)	50-56 (°)	55.12°
Melting point	147-153 (°C)	152.68700 °C
Appearance (D119525)	White or off-white powder	White or off-white powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager