

## Certificate of Analysis

Date of Testing: 2022-07-14 14:59:47  
Date of Next Testing: 2026-07-13 14:59:47  
Product Name: **2',3'-Dideoxyuridine**  
CAS Number: 5983-09-5  
Specifications & Purity: 98%  
Lot #: 11419139  
SKU #: **D119469**  
**Analysis: 112811**

Parameter	Limit Values	Result
Carbon by Elemental Analysis	49.6-52.2 (%)	50.87%
Specific Rotation [α] <sub>20</sub> /D(c=0.4 in H <sub>2</sub> O)	32-33.5 (°)	33.48°
Purity(HPLC)	98-100 (%)	98.16800%
Nitrogen by Elemental Analysis	12.8-13.5 (%)	13.26%
Appearance (D119469)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager