

Certificate of Analysis

Date of Testing: 2025-09-12 10:07:43

Date of Next Testing: 2029-09-11 10:07:43

Product Name: **2'-Deoxyuridine**

CAS Number: 951-78-0

Specifications & Purity: $\geq 99\%$

Lot #: I2508697

SKU #: **D100363**

Version: **2**

Analysis #: **565186**

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.77600 %
Loss on drying	0-1 (%)	0.52 %
Melting point	164-168 (°C)	165.35000 °C
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in W/V in NaOH})$	50-54 (°)	50.20 °
Appearance (D100363)	White crystal powder	White crystal powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager