

Certificate of Analysis

Date of Testing: 2023-11-28 10:47:22
Date of Next Testing: 2027-11-27 10:47:22
Product Name: **2'-Deoxyuridine**
CAS Number: 951-78-0
Specifications & Purity: 99%
Lot #: K2321144
SKU #: **D100363**
Analysis: **250601**
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Ignition Residue (as sulfate)	0-0.1 (%)	0.00 %
Purity(HPLC)	99-100 (%)	99.81100 %
Loss on drying	0-1 (%)	0.00 %
Melting point	164-168 (°C)	167.96000 °C
A250/A260	0.7-0.74	0.72
Heavy metal (as Pb)	0-10 (ppm)	2.36 ppm
A280/A260	0.33-0.43	0.39
Specific Rotation [α] ₂₀ /D(c=1 in W/V in NaOH)	50-54 (°)	50.02 °
Appearance (D100363)	White crystal powder	White crystal powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager