

Certificate of Analysis

Date of Testing: 2024-06-19 11:51:59
Date of Next Testing: 2028-06-18 11:51:59
Product Name: **2'-Deoxyuridine**
CAS Number: 951-78-0
Specifications & Purity: 99%
Lot #: F2412190
SKU #: **D100363**
Version: **0**
Analysis #: **336766**
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Melting point	164-168 (°C)	166.90000 °C
Specific Rotation [α] ₂₀ /D(c=1 in W/V in NaOH)	50-54 (°)	51.20°
Purity(HPLC)	99-100 (%)	99.11000 %
Ignition Residue (as sulfate)	0-0.1 (%)	0.05 %
Loss on drying	0-1 (%)	0.86 %
A250/A260	0.7-0.74	0.72
Heavy metal (as Pb)	0-10 (ppm)	8.60 ppm
A280/A260	0.33-0.43	0.42
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (D100363)	White crystal powder	White crystal powder



John Su
QA & QC Manager