

Certificate of Analysis

Date of Testing: 2024-12-10 13:04:18
Date of Next Testing: 2028-12-09 13:04:18
Product Name: **2'-Deoxyuridine**
CAS Number: 951-78-0
Specifications & Purity: $\geq 99\%$
Lot #: K2429477
SKU #: **D100363**
Version: **1**
Analysis #: **437247**
Storage Temperature: Store at -20°C, Argon charged

| Parameter | Limit Values | Result |
|---|-----------------------|-----------------------|
| Purity(HPLC) | 99-100 (%) | 99.31600 % |
| Loss on drying | 0-1 (%) | 0.44 % |
| Melting point | 164-168 (°C) | 168.00000 °C |
| Specific Rotation [a] _D 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