

Certificate of Analysis

Date of Testing: 2025-02-11 14:52:08
Date of Next Testing: 2029-02-10 14:52:08
Product Name: **2'-Deoxyuridine**
CAS Number: 951-78-0
Specifications & Purity: $\geq 99\%$
Lot #: B2510482
SKU #: **D100363**
Version: **2**
Analysis #: **465508**
Storage Temperature: Store at -20°C , Argon charged

| Parameter | Limit Values | Result |
|---|--------------------------------|------------------------------|
| Purity(HPLC) | 99-100 (%) | 99.68700 % |
| Loss on drying | 0-1 (%) | 0.01 % |
| Melting point | 164-168 ($^{\circ}\text{C}$) | 164.20000 $^{\circ}\text{C}$ |
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in W/V in NaOH})$ | 50-54 ($^{\circ}$) | 50.10 $^{\circ}$ |
| Appearance (D100363) | White crystal powder | White crystal powder |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



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