

## Certificate of Analysis

Date of Testing: 2023-07-25 10:28:15

Date of Next Testing: 2027-07-24 10:28:15

Product Name: **Uridine**

CAS Number: 58-96-8

Specifications & Purity: 99% , for cell culture

Lot #: G2310634

SKU # **U108811**

**Analysis:** **173022**

Storage Temperature: Store at 2-8°C

| Parameter                                                                       | Limit Values              | Result                    |
|---------------------------------------------------------------------------------|---------------------------|---------------------------|
| Specific Rotation [α] <sub>20</sub> /D(c=2 in H <sub>2</sub> O)                 | 8-10 (°)                  | 8.08°                     |
| Purity(HPLC)                                                                    | 99-100 (%)                | 99.87900 %                |
| Melting point                                                                   | 165-168 (°C)              | 167.85000 °C              |
| Appearance (U108811)                                                            | White to Off-White Powder | White to Off-White Powder |
| Solubility in H <sub>2</sub> O , Colorless ,Clear ,50 mg/mL in H <sub>2</sub> O | pass                      | Pass                      |
| Cell Culture Test                                                               | pass                      | Pass                      |
| Infrared spectrum                                                               | Conforms to Structure     | Conforms to Structure     |



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