

## Certificate of Analysis

Date of Testing: 2024-04-12 11:21:25

Date of Next Testing: 2028-04-11 11:21:25

Product Name: **Uridine**

CAS Number: 58-96-8

Specifications & Purity: 99%

Lot #: D2407489

SKU #: **U108810**

Version: **1**

Analysis #: **335716**

Storage Temperature: Store at 2-8°C

| Parameter                                                                       | Limit Values              | Result                    |
|---------------------------------------------------------------------------------|---------------------------|---------------------------|
| EMM(Lambda max 261-262 nm,pH 7.0)                                               | 9.8-10.1                  | 9.96                      |
| Specific Rotation [α] <sub>20</sub> /D(c=2 in H <sub>2</sub> O)                 | 8-10 (°)                  | 8.94°                     |
| Purity(HPLC)                                                                    | 99-100 (%)                | 99.75200 %                |
| Melting point                                                                   | 165-168 (°C)              | 166.59000 °C              |
| Appearance (U108810)                                                            | 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                      |
| Proton NMR spectrum                                                             | Conforms to structure     | Conforms to Structure     |



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