

## Certificate of Analysis

Date of Testing: 2023-07-07 10:48:19  
Date of Next Testing: 2027-07-06 10:48:19  
Product Name: **Uridine 5'-diphosphate disodium salt hydrate**  
CAS Number: 27821-45-0  
Specifications & Purity:  $\geq 96.0\%$  (HPLC)  
Lot #: J1909092  
SKU #: **U100819**  
**Analysis: 248258**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$ , Argon charged

| Parameter             | Limit Values          | Result                |
|-----------------------|-----------------------|-----------------------|
| Water by Karl Fischer | 10-15 (%)             | 12.48 %               |
| Purity(HPLC)          | 96-100 (%)            | 96.09100 %            |
| Appearance (U100819)  | white powder          | White powder          |
| Carbon NMR Spectrum   | Conforms to Structure | Conforms to Structure |
| Infrared spectrum     | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager