

**MP Biomedicals, LLC**29525 Fountain Parkway  
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## Certificate of Analysis

**Product Description:** Uridine-5'-diphosphate Disodium Salt  
**Catalog Number:** 101205  
**Lot:** S3248**Formula:**  $C_9H_{12}N_2O_{12}P_2Na_2 \cdot xH_2O$   
**CAS #:** 21931-53-3  
**Physical Description:** White Powder**Formula Weight:** 448.17 (anhyd.)  
**Storage:** -20°C

| Test                                                | Specification                        | Result                   |
|-----------------------------------------------------|--------------------------------------|--------------------------|
| Identity Test                                       | Passes                               | Passes                   |
| Purity                                              | ≥90%                                 | 99.0% (HPLC)             |
| FTIR                                                | Conforms to Reference                | Conforms to Reference    |
| UV/VIS: λ max (water)<br>OD250/OD260<br>OD280/OD260 | 259-264 nm<br>0.73-0.80<br>0.31-0.39 | 261.9 nm<br>0.75<br>0.37 |
| Moisture                                            | Report Result                        | 12.3%                    |

Recommended Retest Date (MM/DD/YYYY): 09/16/2024

12/20/2019 - John Huang, PhD  
MP Biomedicals, LLC.  
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