

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-03 10:11:58  
 Date of Next Testing: 2026-03-02 10:11:58  
 Product Name: **Cytidine Sulfate**  
 CAS Number: 32747-18-5  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: B2327203  
 SKU #: **C348905**  
 Version: **1**  
 Analysis #: **170586**  
 Storage Temperature: Room temperature

| Parameter                                                       | Limit Values                            | Result                                  |
|-----------------------------------------------------------------|-----------------------------------------|-----------------------------------------|
| Purity(HPLC area)                                               | 98-100 (%)                              | 100.00000 %                             |
| Purity(Neutralization titration)                                | 97.5-102.5 (%)                          | 100.40000 %                             |
| Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in H}_2\text{O})$ | 35-38 (°)                               | 36.90000 °                              |
| Appearance(C348905)                                             | White to Almost white powder to crystal | White to Almost white powder to crystal |
| NMR Spectrum 1H                                                 | Conforms to Structure                   | Conforms to Structure                   |



John Su  
QA & QC Manager