

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-04-26 11:12:19  
 Date of Next Testing: 2029-04-25 11:12:19  
 Product Name: **Adenosine 2':3'-cyclic monophosphate sodium salt**  
 CAS Number: 37063-35-7  
 Specifications & Purity:  $\geq 97\%$   
 Lot #: D2507328  
 SKU #: **A113985**  
 Version: **0**  
 Analysis #: **488262**  
 Storage Temperature: Store at -20°C, Argon charged

| Parameter                                                      | Limit Values          | Result                |
|----------------------------------------------------------------|-----------------------|-----------------------|
| Sodium (Na)(anhydrous)                                         | 4.5-8 (%)             | 5.60000 %             |
| EMM( $\lambda_{\max}$ 258-260 nm, pH 7.0)(Anhydrous)           | 14.6-15.6             | 14.90000              |
| Purity(HPLC)                                                   | 97-100 (%)            | 99.00000 %            |
| Water by Karl Fischer                                          | 0-10 (%)              | 7.00000 %             |
| Carbon by Elemental Analysis(anhydrous)                        | 33.2-35.2 (%)         | 34.70000 %            |
| Nitrogen by Elemental Analysis (anhydrous)                     | 19.3-21 (%)           | 20.20000 %            |
| Appearance (A113985)                                           | white powder          | White powder          |
| Solubility in H <sub>2</sub> O , Colorless and clear, 50 mg/mL | pass                  | Pass                  |
| Proton NMR spectrum                                            | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager