

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-06-23 10:23:09  
 Date of Next Testing: 2029-06-22 10:23:09  
 Product Name: **Adenosine 5'-triphosphate magnesium salt**  
 CAS Number: 74804-12-9  
 Specifications & Purity: ≥95%, bacterial  
 Lot #: F2615150  
 SKU #: **A463997**  
 Version: **2**  
 Analysis #: **711850**  
 Storage Temperature: Store at -20°C

| Parameter                                                           | Limit Values              | Result                    |
|---------------------------------------------------------------------|---------------------------|---------------------------|
| Magnesium Dry basis, by ICP                                         | 2.5-13.5 (%)              | 3.79000 %                 |
| Loss on drying                                                      | ≤20 (%)                   | 5.25810 %                 |
| Purity(HPLC area)                                                   | 95-100 (%)                | 100.00000 %               |
| Solvent Content                                                     | 0-3 (%)                   | 2.30000 %                 |
| Phosphorus (Dry Basis) and Magnesium Content, by ICP                | 15.6-18.8 (%)             | 17.58000 %                |
| EMM (dry basis) and Magnesium content(Lambda max 259-260 at pH 7.0) | 14.3-16.2                 | 14.30200                  |
| Appearance(A463997)                                                 | White to Off-White Powder | White to Off-White Powder |
| NMR Spectrum 1H                                                     | Conforms to structure     | Conforms to Structure     |



John Su  
QA & QC Manager