

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-01-02 10:57:28
 Date of Next Testing: 2027-01-01 10:57:28
 Product Name: **Adenosine 5'-triphosphate magnesium salt**
 CAS Number: 74804-12-9
 Specifications & Purity: ≥95%, bacterial
 Lot #: L2327087
 SKU #: **A463997**
 Version: **2**
 Analysis #: **297782**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Magnesium Dry basis, by ICP	2.5-13.5 (%)	9.54140 %
Loss on drying	≤20 (%)	12.28956 %
EMM (dry basis) and Magnesium content(Lambda max 259-260 at pH 7.0)	14.3-16.2	15.46900
Phosphorus (Dry Basis) and Magnesium Content, by ICP	15.6-18.8 (%)	18.46750 %
Solvent Content	0-3 (%)	2.80000 %
Purity(HPLC area)	95-100 (%)	96.66800 %
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