

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2025-03-28 18:22:42
Date of Next Testing:	2028-03-27 18:22:42
Product Name:	Adenosine 5'-triphosphate magnesium salt
CAS Number:	74804-12-9
Specifications & Purity:	≥95%
Lot #:	C2521775
SKU #	A615677
Version	2
Analysis #:	482554
Storage Temperature:	Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC area)	95-100 (%)	97.88 %
Heavy metals	0-20 (ppm)	0.00 ppm
Magnesium Dry basis, by ICP	2.5-13.5 (%)	4.67660 %
PH(0.5g/10ml,H ₂ O)	3-5	3.25000
Have the largest absorption (20µg/ml,HCl(0.01mol/L))	255-259 (nm)	257.00000 nm
A250/A260(20µg/ml,HCl(0.01mol/L))	0.79-0.89	0.84636
A280/A260 (20µg/ml,HCl(0.01mol/L))	0.17-0.27	0.22516
Loss on drying	0-20 (%)	13.12 %
Appearance(A615677)	White to Off White Crystalline Powder	white to off white crystalline powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager