

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2023-10-30 13:13:49
Date of Next Testing:	2026-10-29 13:13:49
Product Name:	Adenosine 5'-triphosphate magnesium salt
CAS Number:	74804-12-9
Specifications & Purity:	≥95%
Lot #:	J2326213
SKU #	A615677
Version	2
Analysis #:	290427
Storage Temperature:	Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC area)	95-100 (%)	96.50%
PH(0.5g/10ml,H ₂ O)	3-5	3.78000
Have the largest absorption (20μg/ml,HCl(0.01mol/L))	255-259 (nm)	258.00000 nm
A250/A260(20μg/ml,HCl(0.01mol/L))	0.79-0.89	0.83800
A280/A260 (20μg/ml,HCl(0.01mol/L))	0.17-0.27	0.22500
Loss on drying	0-20 (%)	10.81%
Heavy metals	0-20 (ppm)	0.00 ppm
Magnesium Dry basis, by ICP	2.5-13.5 (%)	6.23610%
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