

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-13 13:17:12

Date of Next Testing: 2027-11-13 13:17:12

Product Name: **Adenosine 5'-triphosphate magnesium salt**

CAS Number: 74804-12-9

Specifications & Purity: $\geq 95\%$

Lot #: K2411048

SKU #: **A615677**

Version: **2**

Analysis #: **290427**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC area)	95-100 (%)	96.50000 %
PH(0.5g/10ml,H ₂ O)	3-5	3.78000
Have the largest absorption (20 $\mu\text{g/ml}$,HCl(0.01mol/L))	255-259 (nm)	258.00000 nm
A250/A260(20 $\mu\text{g/ml}$,HCl(0.01mol/L))	0.79-0.89	0.83800
A280/A260 (20 $\mu\text{g/ml}$,HCl(0.01mol/L))	0.17-0.27	0.22500
Loss on drying	0-20 (%)	10.81000 %
Heavy metals	0-20 (ppm)	0.00000 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