

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Adenosine 5'-triphosphate magnesium salt**
Specifications & Purity: **≥95%**
SKU #: **A615677**

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