

Certificate of Analysis

Date of Testing: 2024-01-02 16:19:28

Date of Next Testing: 2027-01-01 16:19:28

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

CAS Number: 74804-12-9

Specifications & Purity: ≥95%, bacterial

Lot #: L2327088

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 (%)	12.29 %
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 (%)	2.80 %
Purity(HPLC area)	95-100 (%)	96.67 %
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