

Certificate of Analysis

Product Name :

Adenosine 5'-triphosphate disodium salt hydrate microbial, BioReagent, suitable for cell culture, ≥99% (HPLC)

Product Number :**A6419-10G****Batch Number :****0000501413**

Source Batch :

0000435870

CAS Number :

34369-07-8

MDL Number :

MFCD00150755

Storage Temperature :

-20°C

Molecular Formula :

 $C_{10}H_{14}N_5Na_2O_{13}P_3 \cdot xH_2O$

Formula Weight :

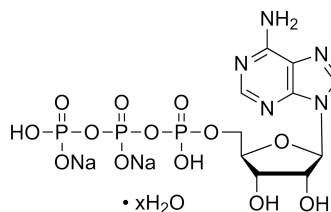
551.14(anhydrous basis) g/mol

Recommended Retest Date :

Jun 2027

Quality Release Date :

29 May 2025



Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder	Powder
Solubility (Color)	Colorless	Colorless
Solubility (Turbidity)	Clear	Clear
50 mg/mL, H ₂ O		
Proton NMR Spectrum	Conforms to Structure	Conforms
Water (by NMR)	≤ 12 %	7 %
% Solvent	≤ 3	0
By NMR		
Purity (HPLC)	≥ 99 %	100 %
UV-Vis Spectrum	97.0 - 100.5 %	98.7 %
Based on EmM = 15.4 at lambda maximum of 258 nm - 260 nm in 0.1 M Phosphate, pH 7.0, Dry Basis		
Cell Culture Test	Pass	Pass
Source	Conforms	Conforms
Microbial		

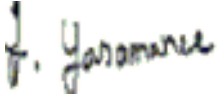
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Product A6419-10G
Batch 0000501413



Jagodige Yasomanee, Supervisor

Quality Assurance

St. Louis, Dekalb

US

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