



MP Biomedicals, LLC

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## Certificate of Analysis

**Product Description:** Adenosine-5'-triphosphate Disodium Salt Hydrate, Cell Culture Reagent  
**Catalog Number:** 194614\_  
**Lot:** SR02601\_

**Formula:**  $C_{10}H_{14}N_5Na_2O_{13}P_3 \cdot xH_2O$   
**CAS #:** 51963-61-2  
**Physical Description:** White Powder

**Formula Weight:** 551.20 (anhyd.)  
**Storage:** -20°C

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥ 96%	99.0% (HPLC)
Moisture	Report Result	8.1% (KF)
FTIR	Conforms to Standard	Conforms to Standard
□ max (H <sub>2</sub> O)	258 ± 2 nm	258.8 nm
OD250/OD259	0.75 - 0.83	0.82
pH (5% aq soln)	Acidic to Litmus Paper	Acidic to Litmus Paper
Solubility (5% aq soln)	Clear to Slightly Hazy Solution	Clear, Colorless Solution
Recommended Retest Date	Month/Day/Year	03/22/2023

UV (dry basis): 100%  
Absorbance Ratios(pH 7.0):  
A250/A260: 0.83  
A280/A260: 0.18

04/03/2020 - John Huang, PhD

MP Biomedicals, LLC.

Quality Control Manager

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Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site

Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)