



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:** R19214\_

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

**Formula Weight:** 551.20 (anhyd.)  
**Storage:** -0°C

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥ 96%	99.2%
Moisture	Report Result	7.9%
FTIR	Conforms to Standard	Conforms to Standard
□ max (H <sub>2</sub> O)	258 ± 2 nm	258 nm
OD250/OD259	0.75 - 0.83	0.80
pH (5% aq soln)	Acidic to Litmus Paper	3.12
Solubility (5% aq soln)	Clear to Slightly Hazy Solution	Passes

12/10/2004 - Joseph Dietz, Ph.D.

MP Biomedicals, LLC.  
Technical Director

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