



MP Biomedicals, LLC

29525 Fountain Parkway  
Solon, Ohio 44139

Telephone: 440/337-1200  
Toll Free: 800/854-0530

Fax: 440/337-1180  
web: www.mpbio.com

## Certificate of Analysis

**Product Description:** Adenosine-5'-triphosphate Disodium Salt Hydrate, Cell Culture Reagent  
**Catalog Number:** 194614\_  
**Lot:** R25324\_

**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:** -0°C

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥96%	99.1%
Moisture	Report Result	8%
FTIR	Conforms to Standard	Conforms to Standard
□ max (H <sub>2</sub> O)	258 ± 2 nm	257 nm
OD250/OD259	0.75 - 0.83	0.83
pH (5% aq soln)	Acidic to Litmus Paper	Acidic to Litmus Paper
Solubility (5% aq soln)	Clear to Slightly Hazy Solution	Clear and Colorless

UV Content: 98%  
Heavy Metals: <1 ppm

12/31/2008 - Robert Beattie  
MP Biomedicals, LLC.  
Technical Director

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mailto:biotech@mpbio.com

<http://www.mpbio.com>

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)