



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_
Catalog Number: 150266_
Lot: 6308F_

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%	99.0%
Moisture	Report Result	7.5%
FTIR	Conforms to Standard	Conforms to Standard
UV/Vis: □ max (water)	258 ± 2 nm	259 nm
OD250/OD259	0.75 - 0.83	Passes
pH (5% aq soln)	Acidic to Litmus Paper	Acidic to Litmus Paper
Solubility (5% aq soln)	Clear to Slightly Hazy Solution	Clear, Colorless Liquid

Chloride: <0.021%
Iron: <0.10%
Heavy Metals: <20 ppm
Arsenic: <1 ppm


01/17/2003 - Joseph Dietz, Ph.D.
MP Biomedicals, LLC.
Technical Director

<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)