



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: QR12280

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%	99.3% (HPLC)
Moisture	Report Result	8.9% (KF)
FTIR	Conforms to Standard	Conforms to Standard
□ max (H ₂ O)	258 ± 2 nm	257.9 nm
OD250/OD259	0.75 - 0.83	0.818
pH (5% aq soln)	Acidic to Litmus Paper	Acidic to Litmus Paper
Solubility (5% aq soln)	Clear to Slightly Hazy Solution	Clear to Slightly Hazy Solution
Recommended Retest Date	Month/Day/Year	05/31/2019

Identity Test A: Passes

Identity Test B: Passes

Identity Test C: Passes

UV (dry basis): 99%

A250/A260: 0.78

A280/A260: 0.13

05/27/2016 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

This is an electronically generated document

<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)