



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: Q5030_

Formula: C₁₀H₁₄N₅Na₂O₁₃P₃·xH₂O
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	8.4% (KF)
FTIR	Conforms to Standard	Conforms to Standard
UV/Vis: □ max (water)	258 ± 2 nm	258.0 nm
OD250/OD259	0.75 - 0.83	0.80
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: 08/31/2019

09/13/2016 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

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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)