



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Adenosine-5'-triphosphate Disodium Salt Hydrate_
Catalog Number: 150266_
Lot: Q9191_

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%	99.4% (HPLC)
Moisture	Report Result	7.2% (KF)
FTIR	Conforms to Standard	Conforms to Standard
UV/Vis: □ max (water)	258 ± 2 nm	258.55 nm
OD250/OD259	0.75 - 0.83	0.79
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: 05/31/2021

05/10/2018 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

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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)