



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Adenosine-5'-triphosphate Disodium Salt Hydrate, Cell Culture Reagent
Catalog Number: 194614_
Lot: MR29276_

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% (HPLC)
Moisture	Report Result	8.1% (KF)
FTIR	Conforms to Standard	Conforms to Standard
□ max (H ₂ O)	258 ± 2 nm	258 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, Colorless Solution
Recommended Retest Date	Month/Day/Year	3/31/2017

Identity Test A, B, & C: Passes
UV (dry basis):98%
A250/A260: 0.78
A280/A260: 0.16

Christina Marotta

MP Biomedicals, LLC.

Technical Director

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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)