



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: R27775

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%	99.2%
Moisture	Report Result	8.9% (KF)
FTIR	Conforms to Standard	Conforms to Standard
□ max (H ₂ O)	258 ± 2 nm	258.5 nm
OD250/OD259	0.75 - 0.83	0.82
pH (5% aq soln)	Acidic to Litmus Paper	Acidic to Litmus Paper
Solubility (5% aq soln)	Clear to Slightly Hazy Solution	Clear, Colorless Solution

Identity Test A, B, C: Passes

UV (dry basis): 100%

A250/A260: 0.78

A280/A260: 0.16

Christina Marotta

11/30/2010 - 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)