



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: R22961_

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	$\geq 96\%$	99.1%
Moisture	Report Result	8%
FTIR	Conforms to Standard	Conforms to Standard
λ max (H ₂ O)	258 \pm 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	Slightly Hazy Solution

Heavy Metals: <1 ppm

12/11/2007 - Robert Beattie
MP Biomedicals, LLC.
Technical Director

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<mailto:biotech@mpbio.com>
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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)