



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Adenine Hydrochloride, cell culture reagent
Catalog Number: 194608
Lot: R7274

Formula: C₅H₅N₅·HCl

CAS #: 6055-72-7

Physical Description: White Crystalline Powder

Formula Weight: 171.6

Storage: Room Temperature

Test	Specification	Results
Identity Test	Passes	Passes
Purity	~99%	>98%
FTIR	Conforms to Standard	Conforms to Standard
UV/VIS: □ max OD250/OD260 OD280/OD260 OD290/OD260	262 nm (0.1 N HCl) ~0.80 ~0.30 ~0.03	262 nm 0.80 0.32 0.03
Melting Point	275-290°C	285-290°C
Heavy Metals	<10 ppm	<10 ppm
Sulfated Ash	<0.1%	<0.1%


07/13/2000 - Joseph Dietz, Ph.D.
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)