



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Adenine Hydrochloride_
Catalog Number: 100191_
Lot: 1634E_

Formula: C₅H₅N₅·HCl

CAS #: 6055-72-7

Physical Description: White Crystalline Powder

Formula Weight: 171.6

Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
Purity	~99%	100.9%
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	262.5nm 0.797 0.351 0.027
Heavy Metals	≤10 ppm	<10 ppm
Sulfated Ash	≤0.1%	0.1%

Approved - 10/11/2000 by Joe Dietz

MP Biomedicals, LLC.

Technical Director

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<http://www.mpbio.com>

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)