



**MP Biomedicals, LLC**

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## Certificate of Analysis

**Product Description:** Adenine Hydrochloride  
**Catalog Number:** 100191  
**Lot:** 3512F

**Formula:** C<sub>5</sub>H<sub>5</sub>N<sub>5</sub>·HCl

**CAS #:** 6055-72-7

**Physical Description:** White Powder

**Formula Weight:** 171.6

**Storage:** Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
Purity	~99%	99.1%
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	261.0 nm 0.88 0.37 0.04
Heavy Metals	≤10 ppm	<10 ppm
Sulfated Ash	≤0.1%	0.08%

LOD: 5.0%

  
07/02/2002 - Joseph Dietz, Ph.D.  
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)