



**MP Biomedicals, LLC**

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## Certificate of Analysis

**Product Description:** Adenine Hydrochloride\_  
**Catalog Number:** 100191\_  
**Lot:** 4560B\_

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

  
Approved - 05/12/99 by Joe Dietz  
MP Biomedicals, LLC.  
Technical Director

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Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)