MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Adenine Hydrochloride
Catalog Number: 100191
Lot: R12430

Formula: $C_5H_5N_5 \cdot HCl$
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%
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	262.5 nm 0.79 0.36 0.02
Heavy Metals	≤ 10 ppm	< 10 ppm
Sulfated Ash	≤ 0.1%	< 0.1%

Approved - 04/17/2001 by Joe Dietz
MP Biomedicals, LLC.
Technical Director