

**MP Biomedicals, LLC**

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Certificate of Analysis

Product Description: Adenosine-5'-triphosphate Disodium Salt Trihydrate.

Catalog Number: 100008.

Lot: R20738.

Formula: $C_{10}H_{14}N_5Na_2O_{13}P_3 \cdot 3H_2O$

CAS #: 51963-61-2

Physical Description: White Powder

Formula Weight: 605.23

Storage: -0°C

Test	Specification	Result
Identity Test A	Passes	Passes
Identity Test B	Passes	Passes
Identity Test C	Passes	Passes
Purity	~99%	99.4%
Moisture	~8.9%	7.4%
FTIR	Conforms to Standard	Conforms to Standard
□ max (water)	258 ± 2 nm	259 nm
OD250/OD259	0.75 - 0.83	0.80
pH (5% aq soln)	Acidic to Litmus Paper	Passes
Solubility (5% aq soln)	Clear to Slightly Hazy Solution	Passes

11/30/2005 - Robert Beattie

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)