



MP Biomedicals, LLC

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## Certificate of Analysis

**Product Description:** Adenosine-5'-triphosphate Disodium Salt Hydrate

**Catalog Number:** 150266

**Lot:** R20957

**Formula:**  $C_{10}H_{14}N_5Na_2O_{13}P_3 \cdot xH_2O$

**CAS #:** 51963-61-2

**Physical Description:** White Powder

**Formula Weight:** 551.20 (anhyd.)

**Storage:** -0°C

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥96%	98.2%
Moisture	Report Result	7.48%
FTIR	Conforms to Standard	Conforms to Standard
UV/Vis: □ max (water)	258 ± 2 nm	258.5 nm
OD250/OD259	0.75 - 0.83	0.83
pH (5% aq soln)	Acidic to Litmus Paper	Passes
Solubility (5% aq soln)	Clear to Slightly Hazy Solution	Clear Solution

01/31/2006 - Robert Beattie

MP Biomedicals, LLC.

Technical Director

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