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## Certificate of Analysis

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

**Catalog Number:** 150266

**Lot:** 7118J

**Formula:** C<sub>10</sub>H<sub>14</sub>N<sub>5</sub>Na<sub>2</sub>O<sub>13</sub>P<sub>3</sub>·xH<sub>2</sub>O

**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%	99.1%
Moisture	Report Result	8%
FTIR	Conforms to Standard	Conforms to Standard
UV/Vis: □ max (water)	258 ± 2 nm	258 nm
OD250/OD259	0.75 - 0.83	0.81
pH (5% aq soln)	Acidic to Litmus Paper	Acidic to Litmus Paper
Solubility (5% aq soln)	Clear to Slightly Hazy Solution	Slightly Hazy Solution

Heavy Metals: <1 ppm

10/02/2007 - Robert Beattie

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)