



**MP Biomedicals, LLC**

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## Certificate of Analysis

**Product Description:** Adenosine-5'-diphosphate, free acid  
**Catalog Number:** 160053\_  
**Lot:** Q1972\_

**Formula:** C<sub>10</sub>H<sub>15</sub>N<sub>5</sub>O<sub>10</sub>P<sub>2</sub>  
**CAS #:** 58-64-0  
**Physical Description:** White Powder

**Formula Weight:** 427.2  
**Storage:** -0°C

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥96%	97.3% (HPLC)
FTIR	Conforms to Reference	Conforms to Reference
UV/Vis: (Water) OD250/OD260 OD280/OD260	<1.0 <0.5	0.79 0.15

UV Content: 94%

Water (KF): 6.7%

Recommended Retest Date: 03/31/2017

*Christina Marotta*

04/07/2015 - Christina Marotta

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)