

**MP Biomedicals, LLC**29525 Fountain Parkway  
Solon, Ohio 44139Telephone: 440/337-1200  
Toll Free: 800/854-0530

## Certificate of Analysis

**Product Description:** Adenosine-5'-diphosphate Disodium Salt  
**Catalog Number:** 100056  
**Lot:** SR03941

**Formula:** C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>Na<sub>2</sub>O<sub>10</sub>P<sub>2</sub>  
**CAS #:** 16178-48-6  
**Physical Description:** White Powder

**Formula Weight:** 471.2  
**Storage:** -20°C

Test	Specification	Result
Identity Test	Passes	Passes
Source	Yeast	Yeast
Purity	≥95%	98.7% (HPLC)
ATP	≤1%	0.3%
Heavy Metals	≤0.002%	≤0.002%
OD <sub>250</sub> /OD <sub>260</sub>	≤1.0	0.78
OD <sub>280</sub> /OD <sub>260</sub>	≤0.2	0.16

UV Content (dry basis): 98%

Water Content: 10% (KF)

Recommended Retest Date (MM/DD/YYYY): 09/21/2023



03/24/2021 - John Huang, PhD  
MP Biomedicals, LLC.  
Quality Control Manager

This is an electronically generated document  
mailto:biotech@mpbio.com  
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)