



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Adenosine-5'-diphosphate, free acid
Catalog Number: 160053
Lot: Q7287

Formula: C₁₀H₁₅N₅O₁₀P₂

CAS #: 58-64-0

Physical Description: White Crystalline Powder

Formula Weight: 427.2

Storage: -20°C

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥96%	96.1% (HPLC)
FTIR	Conforms to Reference	Conforms to Reference
UV/Vis: (solvent?) OD250/OD260	<1.0	0.78
OD280/OD260	<0.5	0.17

UV Content (dry basis): 100%

Water (KF): 6.1%

Recommended Retest Date: 01/31/2018

08/23/2017 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

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<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)