



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Adenosine-5'-diphosphate, free acid
Catalog Number: 160053_
Lot: M5261_

Formula: C₁₀H₁₅N₅O₁₀P₂
CAS #: 58-64-0
Physical Description: White Powder

Formula Weight: 427.2
Storage: -0°C

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥96%	97.9% (HPLC)
FTIR	Conforms to Reference	Conforms to Reference
UV/Vis: (solvent?) OD250/OD260 OD280/OD260	<1.0 <0.5	0.80 0.16

UV Content: 95%
Water (KF): 7.8%

Christina Marotta

10/25/2012 - Christina Marotta
MP Biomedicals, LLC.
Technical Director

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<mailto:biotech@mpbio.com>
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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)