



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Adenosine-5'-diphosphate Monopotassium Salt
Catalog Number: 150259
Lot: 7120K

Formula: C₁₀H₁₅N₅O₁₀P₂K

CAS #: 72696-48-1

Physical Description: White Powder

Formula Weight: 465.2

Storage: +4°C

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥98%	101%
UV/VIS: (pH 7.0)		
OD250/OD260	0.75-0.80	0.79
OD280/OD260	0.11-0.17	0.15

UV/VIS: (pH 7.0) A290/A250: 0.01

Water (KF): 7.4%

ADP (enzym): 86%

AMP (enzym): <1%

ATP (enzym): <0.1%

K (flame photom.): 8.0%

Phosphate (inorganic): <0.1%

Ammonium (enzym): <0.002%

Christina Marotta

06/03/2010 - 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)