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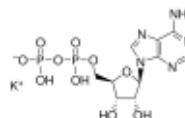
Email USA: techserv@sial.com

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Product Specification

Product Name:
Adenosine 5'-diphosphate monopotassium salt dihydrate - bacterial, ≥95%, powder

Product Number: A5285
CAS Number: 72696-48-1
MDL: MFCD00066472
Formula: C₁₀H₁₄KN₅O₁₀P₂ · 2H₂O
Formula Weight: 501.32 g/mol
Storage Temperature: -20 °C



TEST

Specification

Appearance (Color)	White to Off White
Appearance (Form)	Powder
Solubility (Color)	Colorless to Very Faint Yellow
Solubility (Turbidity)	Clear to Slightly Hazy
50 mg/ml, H ₂ O	
Water (by Karl Fischer)	≤ 7.5 %
Purity (HPLC)	≥ 95 %
Potassium (K) anhydrous	8.0 - 8.8 %
Recommended Retest Period	-----
2 years	
Note	-----
Formula and formula weight are for the free acid	

Specification: PRD.1.ZQ5.10000018892

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.