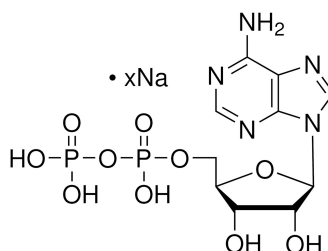


Product Specification

Product Name :	Adenosine 5'-diphosphate sodium salt bacterial, ≥95% (HPLC)
Product Number:	A2754
CAS Number:	20398-34-9
Storage Temperature :	-20°C
Molecular Formula:	C ₁₀ H ₁₅ N ₅ O ₁₀ P ₂
Formula Weight:	427.20 g/mol



Test	Specification
Appearance (Form)	Powder
Appearance (Color)	White to Off White
Solubility (Turbidity) 50 mg/mL, H ₂ O	Clear to Slightly Hazy
Solubility (Color)	Colorless to Very Faint Yellow
Water (by Karl Fischer)	≤ 11%
Proton NMR Spectrum	Conforms to Structure
% Alcohol by NMR	≤ 5%
Sodium (Na)	5 - 8 %
Phosphorus (Dry Basis) Dry Basis, Sodium Free Basis	13.4 - 15.5 %
Purity (HPLC)	≥ 95%
Recommended Retest Period 3 Years	-----

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.

Version Number: PRP.00.ZQ5.1184752

Page 1 of 1

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