

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaldrich.com

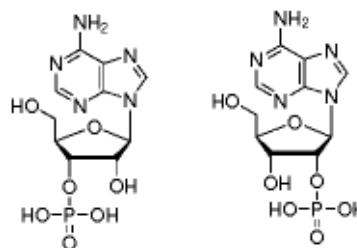
Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Specification

Product Name:
Adenosine 2'(3')-monophosphate mixed isomers

Product Number: **A3013**
CAS Number: 130-49-4
MDL: MFCD00151215
Formula: C₁₀H₁₄N₅O₇P
Formula Weight: 347.22 AMU



TEST	Specification
Appearance (Color)	White to Off-White
Appearance (Form)	Powder
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear
50 mg/mL, 1 M NH ₄ OH	
% Water	≤ 10
by KF	
EmM Anhydrous	15.0 - 15.8
At Lamda max 259 nm to 261 nm, in 0.1 M phosphate buffer, pH 7.0	
Purity (HPLC)	≥ 45 %
Adenosine-3'-monophosphate	
Purity	10 - 55 %
By HPLC; Adenosine-2'-monophosphate	
Purity	≥ 97 %
By HPLC; Total Adenosine-3'-monophosphate; Adenosine-2'-monophosphate	

Specification: PRD.0.ZQ5.10000018405

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.