

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-02-23 11:47:58  
Date of Next Testing: 2026-02-22 11:47:58  
Product Name: **Adenosine 5'-diphosphate sodium salt**  
CAS Number: 20398-34-9  
Specifications & Purity:  $\geq 95\%$  (HPLC)  
Lot #: B2221100  
SKU #: **A119473**  
**Analysis: 065073**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	95.63480 %
Phosphorus(anhydrous)	13.4-15.5 (%)	14.32 %
Sodium(Na)	5-8 (%)	6.25 %
ethanol(GC)	0-5 (%)	2.50 %
Water by Karl Fischer	0-11 (%)	3.62 %
Appearance (A119473)	White to Off-White Powder	White to Off-White Powder
Solubility in H <sub>2</sub> O , Colorless to Yellow, Clear to Slightly Hazy(50mg/ml)	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager