

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-02-24 10:29:11
Date of Next Testing: 2026-02-23 10:29:11
Product Name: **Adenosine 5'-diphosphate sodium salt**
CAS Number: 20398-34-9
Specifications & Purity: $\geq 95\%$ (HPLC)
Lot #: B2221101
SKU #: **A119473**
Analysis: 065073
Storage Temperature: Store at -20°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 ₂ 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