

Certificate of Analysis

Date of Testing: 2024-03-04 10:19:41
Date of Next Testing: 2028-03-03 10:19:41
Product Name: **Adenosine 5'-diphosphate sodium salt**
CAS Number: 20398-34-9
Specifications & Purity: $\geq 95\%$ (HPLC)
Lot #: B2423365
SKU #: **A119473**
Analysis: **317571**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Phosphorus(anhydrous)	13.4-15.5 (%)	14.56 %
ethanol(GC)	0-5 (%)	0.52 %
Water by Karl Fischer	0-11 (%)	1.52 %
Purity(HPLC)	95-100 (%)	95.41000 %
Sodium(Na)	5-8 (%)	5.34 %
Appearance (A119473)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless to Yellow,Clear to Slightly Hazy(50mg/ml)	pass	Pass



John Su
QA & QC Manager