

## Certificate of Analysis

Date of Testing: 2023-09-04 09:40:29  
Date of Next Testing: 2026-09-03 09:40:29  
Product Name: **Adenosine-5'-diphosphoglucose disodium salt**  
CAS Number: 102129-65-7  
Specifications & Purity:  $\geq 93\%$   
Lot #: H2310625  
SKU #: **A341317**  
**Analysis:** **256691**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$ , Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	93-100 (%)	99.70 %
Water by Karl Fischer	0-10 (%)	5.64 %
Phosphorus(anhydrous)	9.3-10.3 (%)	9.45 %
Appearance(A341317)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
ICP: Confirms Sodium Component	Confirmed	Confirmed



John Su  
QA & QC Manager