

## Certificate of Analysis

Date of Testing: 2024-07-13 09:07:41  
Date of Next Testing: 2028-07-12 09:07:41  
Product Name: **2'-Deoxyguanosine 5'-diphosphate sodium salt**  
CAS Number: 102783-74-4  
Specifications & Purity: 98%  
Lot #: G2403422  
SKU #: **D119530**  
Version: **1**  
Analysis #: **349418**  
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
sodium by ICP Atomic emission	9-12 (%)	10.20%
Solvent Content	0-4 (%)	3.40%
Water by Karl Fischer	0-7 (%)	5.70%
Purity(HPLC)	98-100 (%)	98.25000%
Appearance (D119530)	White powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility, Colorless and clear(5% in H <sub>2</sub> O)	pass	Pass



John Su  
QA & QC Manager