

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-03-01 14:29:45  
Date of Next Testing: 2026-03-01 14:29:45  
Product Name: **2'-Deoxyguanosine 5'-triphosphate trisodium salt**  
CAS Number: 93919-41-6  
Specifications & Purity: 98%  
Lot #: E2211191  
SKU #: **D112856**  
**Analysis:** **322271**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
sodium by ICP Atomic emission	11-14 (%)	12.33 %
Water by Karl Fischer	0-10 (%)	1.22 %
EmM( $\lambda$ max 251 nm to 254 nm,0.1m phosphate, ph 7.0)	12.7-17.2	15.60
Purity(HPLC)	98-100 (%)	98.06400 %
Appearance (D112856)	white powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility,50mg/ml in wate	Clear colorless to very faint yellow solution	Clear colorless to very faint yellow solution



John Su  
QA & QC Manager