

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2023-04-13 14:03:15
Date of Next Testing:	2025-04-12 14:03:15
Product Name:	2'-Deoxyguanosine 5'-triphosphate trisodium salt
CAS Number:	93919-41-6
Specifications & Purity:	98%
Lot #:	J1716081
SKU #	D112856
Analysis:	210701
Storage Temperature:	Store at -20°C

Parameter	Limit Values	Result
sodium by ICP Atomic emission	11-14 (%)	11.50 %
Purity(HPLC)	98-100 (%)	98.47600 %
Water by Karl Fischer	0-10 (%)	7.31 %
EmM(λ max 251 nm to 254 nm,0.1m phosphate, ph 7.0)	12.7-17.2	13.60
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