

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-28 15:41:38
 Date of Next Testing: 2027-11-28 15:41:38
 Product Name: **2'-Deoxyguanosine 5'-triphosphate trisodium salt**
 CAS Number: 93919-41-6
 Specifications & Purity: $\geq 98\%$
 Lot #: K2520031
 SKU #: **D112856**
 Version: **0**
 Analysis #: **615217**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
sodium by ICP Atomic emission	11-14 (%)	12.33000 %
Purity(HPLC)	98-100 (%)	98.06400 %
Water by Karl Fischer	0-10 (%)	1.21980 %
EmM(λ max 251 nm to 254 nm,0.1m phosphate, ph 7.0)	12.7-17.2	15.60000
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