

## Certificate of Analysis

Date of Testing: 2022-08-10 10:41:38  
Date of Next Testing: 2026-08-09 10:41:38  
Product Name: **Guanosine 5'-triphosphate trisodium salt hydrate**  
CAS Number: 36051-31-7  
Specifications & Purity: 95%  
Lot #: H2205094  
SKU #: **G106782**  
**Analysis: 098835**  
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-9 (%)	5.21 %
Purity(HPLC)	95-100 (%)	97.68000 %
Sodium(Na)	10.5-14.5 (%)	10.58 %
Appearance (G106782)	white powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Colorless ,Clear ,50 mg/mL in H <sub>2</sub> O	pass	Pass



John Su  
QA & QC Manager