

## Certificate of Analysis

Date of Testing: 2022-12-20 20:56:24  
Date of Next Testing: 2026-12-19 20:56:24  
Product Name: **Cytidine 5'-triphosphate disodium salt**  
CAS Number: 36051-68-0  
Specifications & Purity: 95%  
Lot #: L2216635  
SKU #: **C101487**  
**Analysis: 161232**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-12 (%)	6.41 %
Purity(HPLC)	95-100 (%)	99.09200 %
UV-Vis spectrometry	8.7-9.5	8.96
Solvent content (GC)	0-4 (%)	2.25 %
Appearance (C101487)	White powder	White powder
Solubility in H <sub>2</sub> O , colorless and clear (50mg/ml)	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager