

## Certificate of Analysis

Date of Testing: 2023-05-27 16:46:25  
Date of Next Testing: 2027-05-26 16:46:25  
Product Name: **Cytidine 5'-triphosphate disodium salt**  
CAS Number: 36051-68-0  
Specifications & Purity: 95%  
Lot #: E2322483  
SKU #: **C101487**  
**Analysis: 228702**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Solvent content (GC)	0-4 (%)	3.30 %
Water by Karl Fischer	0-12 (%)	3.44 %
Purity(HPLC)	95-100 (%)	99.75200 %
UV-Vis spectrometry	8.7-9.5	8.75
Appearance (C101487)	White powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , colorless and clear (50mg/ml)	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager