

Certificate of Analysis

Date of Testing: 2023-05-27 16:53:18
Date of Next Testing: 2027-05-26 16:53:18
Product Name: **Cytidine 5'-triphosphate disodium salt**
CAS Number: 36051-68-0
Specifications & Purity: 95%
Lot #: E2322461
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 ₂ O , colorless and clear (50mg/ml)	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager