

Certificate of Analysis

Date of Testing: 2023-12-04 09:54:30
Date of Next Testing: 2027-12-03 09:54:30
Product Name: **Cytidine 5'-triphosphate disodium salt**
CAS Number: 36051-68-0
Specifications & Purity: 95%
Lot #: K2329272
SKU #: **C101487**
Analysis: **301020**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Solvent content (GC)	0-4 (%)	0.00 %
Water by Karl Fischer	0-12 (%)	7.40 %
Purity(HPLC)	95-100 (%)	95.01000 %
UV-Vis spectrometry	8.7-9.5	8.80
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