

Certificate of Analysis

Date of Testing: 2025-04-09 10:41:22
 Date of Next Testing: 2029-04-08 10:41:22
 Product Name: **Cytidine 5'-triphosphate disodium salt**
 CAS Number: 36051-68-0
 Specifications & Purity: $\geq 95\%$
 Lot #: G2109236
 SKU #: **C101487**
 Version: **1**
 Analysis #: **491480**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Solvent content (GC)	0-4 (%)	3.80 %
Water by Karl Fischer	0-12 (%)	4.61 %
Purity(HPLC)	95-100 (%)	95.30000 %
UV-Vis spectrometry	8.7-9.5	9.00
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