

Certificate of Analysis

Date of Testing: 2024-12-09 09:33:48

Date of Next Testing: 2028-12-08 09:33:48

Product Name: **2'-Deoxycytidine 5'-triphosphate disodium salt**

CAS Number: 102783-51-7

Specifications & Purity: $\geq 98\%$

Lot #: L2403385

SKU #: **D105435**

Version: **1**

Analysis #: **351454**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Solvent Content	0-7 (%)	5.06 %
Water by Karl Fischer	0-10 (%)	4.72 %
Em (280nm, pH 2.0)	12400-100000	27990.35
Purity(HPLC)	98-100 (%)	99.46000 %
Appearance (D105435)	White powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , clear , 50mg/ml in water	pass	Pass



John Su
QA & QC Manager