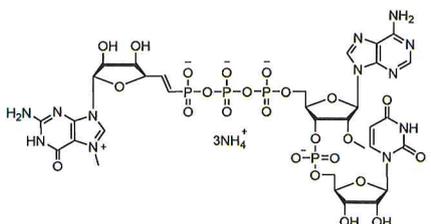
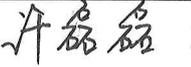


Certificate of Analysis

Product Name	CAP m7G(5')vppp(5')(2'-OMeA)pU 100mM Ammonium Solution	
Cat. No.	CAP1811	
Molecular Formula	C ₃₂ H ₄₂ N ₁₂ O ₂₄ P ₄ (inner salt)	
Molecular Weight	1102.64 (inner salt)	
Lot No.	SJ2014-143-01	
Manufacture Date	2024.11.06	
Retest Date	2026.11.05	
Storage Recommendation	Please store at -20°C or below, always avoid freeze-thaw cycles.	
TEST	SPECIFICATION	RESULTS
Appearance	Clear colorless solution	Clear colorless solution
Concentration	100mM±3mM	99mM
Purity(by HPLC)	≥98.0%	98.9%
pH	6.3±0.2	6.2
³¹PNMR	≥98.0%	99.7%
¹HNMR	To conform structure	Conformed
MS	To conform structure	Conformed
Bacterial Endotoxin	<1.0 EU/ml	Conformed
Residual Nuclease	Not Detected	Not Detected

Checker:  2024.11.08

Examiner:  2024.11.08