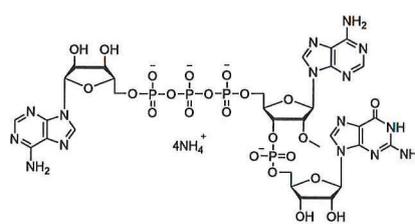


Certificate of Analysis

Product Name	CAP A(5')ppp(5')(2'-OMeA)pG 100mM Ammonium Solution	
Cat. No.	CAP3311	
CAS	N/A	
Molecular Formula	C ₃₁ H ₄₁ N ₁₅ O ₂₃ P ₄ (free acid)	
Molecular Weight	1115.65 (free acid)	
Lot No.	SJ2129-027-01	
Manufacture Date	2025.03.28	
Retest Date	2027.03.27	
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%	99.7%
pH	6.3±0.2	6.1
³¹P NMR	≥98.0%	100.0%
¹H NMR	To conform structure	Conformed
MS	To conform structure	Conformed
Bacterial Endotoxin	<1.0 EU/ml	Conformed
Residual Nuclease	Not Detected	Not Detected

Checker:  2025.04.15

Examiner:  2025.04.14

