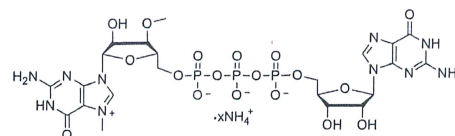


Certificate of Analysis

Cat. No.	HBP002600
Product Name	ARCA, Anti Reverse Cap Analog, 3'-O-Me-m ⁷ G(5')ppp(5')G
CAS Number	N/A
Molecule Formula	C ₂₂ H ₃₂ N ₁₀ O ₁₈ P ₃
Molecule Weight	817.4
Batch Number	HH20220509
Storage Temperature	-20°C
Recommended re-test Date	2023.05.08

Test items	Specifications	Results
Appearance	Clear colorless solution	Pass
λ _{max}	254mM±2nm	254mM
Purity (HPLC)	≥95%	98.5 %
Concentration	100mM±3mM	101mM



Quality Control

1. This preparation is free of DNase and RNase contamination.
2. This lot of ARCA has been performance tested in transcription reaction.

Analyzed by

Authorized by

Report Date

Xiuying Wang

Hui Ma

2022.05.11