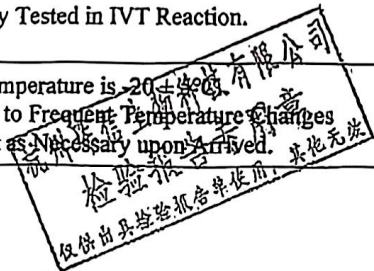


Certificate of Analysis

Product Name	pUTP, 100mM Sodium Salt Solution		
Cat. No.	N201A04	CAS No.	1175-34-4
Lot No.	102JN01	Formula	C ₂ H ₁₂ N ₇ Na ₃ O ₁₅ P ₃
Quantity	1mL	Mol. Weight	550.10g/mol

ITEMS	SPECIFICATIONS	RESULTS
Appearance	Clear Colorless Solution	Conforms
Identification (NMR)	Conforms to the Structure	Conforms
Concentration	100 ± 5mM	103mM
Purity by HPLC	≥ 95%	99.3%
Endonuclease Assay	No Detectable Endonuclease Activity, When Incubated with Plasmid DNA at 37°C for 3 hours.	Conforms
Exonuclease Assay	No Detectable Exonuclease Activity, When Incubated with DNA Substrate at 37°C for 3 hours	Conforms
Ribonucleases	No Detectable Ribonuclease Activity, When Incubated with the RNA Substrate at 37°C for 3 hours.	Conforms
Functional Assay	The Product has been Functionally Tested in IVT Reaction.	
Storage Conditions	The Recommended Storage Temperature is -20 ± 4°C. Multiple Thaw/Freeze Cycles or Exposure to Frequent Temperature Changes Should Always be Avoided. Aliquot as Necessary upon Arrival.	



Reviewed by:

郑素丹

Approved by:

杨明同

Date:

2024.08.06

Date:

2024.06.02

