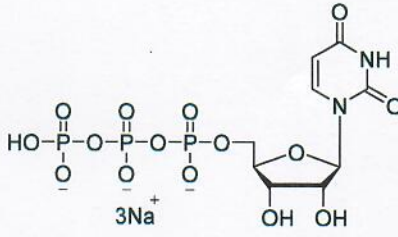
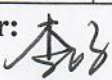
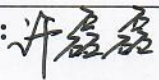


Certificate of Analysis

Product Name	UTP 100mM Sodium Solution	
Cat. No.	UTP001-1	
Molecular Formula	C ₉ H ₁₅ N ₂ O ₁₅ P ₃ (free acid)	
Molecular Weight	484.14 (free acid)	
Lot No.	202302001	
Manufacture Date	2023.02.08	
Retest Date	2025.02.07	
Storage Recommendation	Please store in -20°C or below, always avoid freeze-thaw cycles.	
TEST	SPECIFICATION	RESULTS
Appearance	Clear colorless solution	Clear colorless solution
Concentration	100mM±3mM	102mM
Purity(by HPLC)	≥99.0%	99.7%
pH	7.0±0.2	6.9
³¹P NMR	≥99.0%	99.2%
¹H NMR	To conform structure	Conformed
Bacterial Endotoxin	<1.0 EU/ml	Conformed
Residual Nuclease	Not Detected	Not Detected

Checker:  2024.01.19 1/1

Examiner:  2024.01.19

