

### Certificate of Analysis

Product Name	GTP, 100mM Sodium Salt Solution		
Cat. No.	N103A04	CAS No.	36051-31-7
Lot No.	102MY01	Formula	C <sub>10</sub> H <sub>17</sub> N <sub>5</sub> Na <sub>3</sub> O <sub>14</sub> P <sub>3</sub>
Quantity	1mL	Mol. Weight	589.13 g/mol

ITEMS	SPECIFICATIONS	RESULTS
Appearance	Clear Colorless Solution	Conforms
Identification (NMR)	Conforms to the Structure	Conforms
Concentration	100 ± 5mM	103mM
Purity by HPLC	≥ 95%	99.6%
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 $-20 \pm 5^{\circ}\text{C}$ . Multiple Thaw/Freeze Cycles or Exposure to Frequent Temperature Changes Should Always be Avoided. Aliquot as Necessary upon Arrived.	

杭州臻信生物科技有限公司  
 检验报告专用章  
 仅供出具检验报告单使用, 其他无效

Reviewed by: 郑素娟

Approved by: 招明月

Date: 2024.05.07

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