

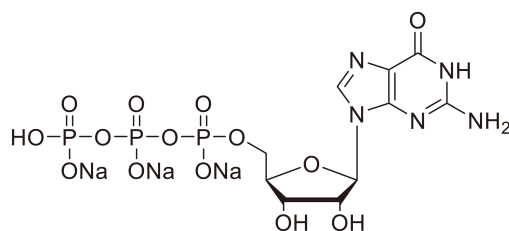
## Certificate of Analysis

Product Name: GTP, 100mM Sodium Solution  
Cat. No.: GB20010  
Batch No.: 2  
Chemical Name:

### PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 36051-31-7  
Molecular Formula:  $C_{10}H_{13}N_5Na_3O_{14}P_3$   
Molecular Weight: 589.13  
Storage: Please store in  $-20^{\circ}C$  or below, always avoid freeze-thaw cycles.

Chemical Structure:



### ANALYTICAL DATA

Appearance: Clear colorless solution  
Concentration: 102.1mM  
Purity: 99.81%  
pH: 7.50  
 $^{31}P$  NMR( $D_2O$ ): To conform structure  
 $^1H$  NMR( $D_2O$ ): To conform structure  
Bacterial Endotoxin:  $<1.0$  EU/ml  
Residual Nuclease: Not Detected  
Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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