



CERTIFICATE OF ANALYSIS

Product	Guanosine-5'-triphosphate [GTP], 100 mM solution
Grade	Ultra Pure
Product Code	GB0332
Formula	N/A
MW	N/A
CAS#	36051-31-7
Lot No	

Test Items	Specifications	Results
Appearance	Clear Colorless Solution	
Concentration	100mM \pm 5%	
Purity(HPLC)	\geq 99%	
λ_{\max}	253nm \pm 2nm	
pH	7.0 \pm 0.1	

Quality Control: This lot of GTP has been performance tested in transcription reaction. This preparation is free of DNase and RNase contamination as determined by incubation of the GTP with radioactive substrates.

Storage: Long term (infrequent use; 1-2 times per month): -70°C.
Daily/Weekly use: -20°C
Always avoid freeze-thaw cycles or exposure to frequent temperature changes, these fluctuations can greatly alter product stability.