

## CERTIFICATE OF ANALYSIS

### Product Information


Product Name:	dGTP (100 mM) $\geq$ 99% HPLC
Cat. No.:	C01578
Lot No.:	C70071805
CAS No.:	93919-41-6
MW:	573.10
Size:	10ml
Molecular Formula:	$C_{10}H_{13}N_5Na_3O_{13}P_3$
Storage Condition:	Store at $-20^{\circ}C$ to $-70^{\circ}C$

### Quality Control

Test Items	Specifications	Results
Physical Appearance	Clear Colorless liquid	Conformed
Concentration	$100mM \pm 5\%$	101mM
Purity(HPLC)	$\geq 99\%$	99.2%
$\lambda$ max	$253nm \pm 2nm$	253nm
Absorbance Rations (pH7.0)	A250/A260 1.11-1.19	1.16
pH(22~25 $^{\circ}C$ )	A280/A260 0.63-0.69	0.66
	$7.0 \pm 0.1$	6.9

### Caution:

For laboratory use only. Not for household use. If you have any questions about the Certificate of Analysis, please contact our customer service representative at 1-877-436-7274 (Toll-Free), or 1-732-885-9188.

Certified by:  Date: 05/18/2018  
Product Department