

## CERTIFICATE OF ANALYSIS

### Product Information


Product Name:	dTTP (100 mM) $\geq 99\%$ HPLC
Cat. No.:	C01580
Lot No.:	C70061811
CAS No:	18423-43-3
MW:	548.10
Size:	10ml
Molecular Formula:	$C_{10}H_{14}N_2Na_3O_{14}P_3$
Storage Condition:	Store at $-20^{\circ}\text{C}$ to $-70^{\circ}\text{C}$

### Quality Control

Test Items	Specifications	Results
Physical Appearance	Clear Colorless liquid	Conformed
Concentration	$100\text{mM} \pm 3\%$	99mM
Purity(HPLC)	$\geq 99\%$	99.4%
$\lambda$ max	$267\text{nm} \pm 2\text{nm}$	267nm
Absorbance Rations	A250/A260 $0.65 \pm 0.03$	0.67
(pH7.0)	A280/A260 $0.74 \pm 0.05$	0.76
pH(22~25°C)	$7.0 \pm 0.1$	7.0

### 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:   
Product Department

Date: 10/26/2018