

## CERTIFICATE OF ANALYSIS

### Product Information

Product Name:	dTTP (100 mM) $\geq$ 99% HPLC
Cat. No.:	C01580
Lot No.:	C51071612
CAS No:	18423-43-3
MW:	548.10
Size:	1ml
Molecular Formula:	$C_{10}H_{14}N_2Na_3O_{14}P_3$
Storage Condition:	Store at $-20^{\circ}C$ to $-70^{\circ}C$

### Quality Control

Test Items	Specifications	Results
Physical Appearance	Clear Colorless liquid	Conformed
Concentration	$100mM \pm 5\%$	99mM
Purity(HPLC)	$\geq 99\%$	99.6%
$\lambda$ max	$267nm \pm 2nm$	267nm
Absorbance Ratios (pH7.0)	A250/A260 $0.65 \pm 0.03$	0.65
	A280/A260 $0.74 \pm 0.05$	0.75
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:  Date: 01/10/2017  
Product Department