

## CERTIFICATE OF ANALYSIS

### Product Information

---

Product Name:	dCTP (100 mM) $\geq$ 99% HPLC
Cat. No.:	C01579
Lot No.:	C51091712
CAS No.:	102783-51-7
MW:	533.10
Size:	10ml
Molecular Formula:	$C_9H_{13}N_3Na_3O_{13}P_3$
Storage Condition:	Store at $-20^{\circ}C$ to $-70^{\circ}C$

---

### Quality Control

---

Test Items	Specifications	Results
Physical Appearance	Clear Colorless solution	Conformed
Concentration	100mM $\pm$ 5%	102mM
Purity(HPLC)	$\geq$ 99%	99.8%
$\lambda$ max	272nm $\pm$ 2nm	272nm
Absorbance Ratios	A250/A260 0.79-0.85	0.81
(pH7.0)	A280/A260 0.93-1.03	0.97
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: 12/13/2017  
Product Department