

CERTIFICATE OF ANALYSIS

Product Information

Product Name:	dCTP (100 mM) \geq 99% HPLC
Cat. No.:	C01579
Lot No.:	C51021604
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%	101mM
Purity(HPLC)	\geq 99%	99.7%
λ max	272nm \pm 2nm	272nm
Absorbance Ratios (pH7.0)	A250/A260 0.79-0.85	0.80
	A280/A260 0.93-1.03	0.96
pH(22 \sim 25 $^{\circ}C$)	7.0 \pm 0.1	7.1

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: 04/05/2016
Product Department