

## CERTIFICATE OF ANALYSIS

### Product Information

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Product Name:	dCTP (100 mM) $\geq$ 99% HPLC
Cat. No.:	C01579
Lot No.:	C70211904
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 $-80^{\circ}C$

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### Quality Control

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Test Items	Specifications	Results
Physical Appearance	Clear Colorless solution	Conformed
Concentration	$100mM \pm 5\%$	101mM
Purity(HPLC)	$\geq 99\%$	99.6%
$\lambda$ max	$272nm \pm 2nm$	271nm
Absorbance Ratios (pH7.0)	A250/A260 0.79-0.85	0.79
pH(22~25°C)	A280/A260 0.93-1.03	0.97
	$7.0 \pm 0.1$	7.1

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### 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: 04/15/2019  
Product Department