

Version 02

Update: 05/17/2019

## CERTIFICATE OF ANALYSIS

### Product Information

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Product Name:	dCTP (100 mM) $\geq$ 99% HPLC
Cat. No.:	C01579
Lot No.:	M2204005
CAS No.:	102783-51-7
MW:	533.1
Size:	10ml
Molecular Formula:	$C_9H_{13}N_3Na_3O_{13}P_3$
Storage Condition:	Stable at $-20^{\circ}C$ . Always avoid freeze-thaw cycles or exposure to frequent temperature changes.

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### Quality Results

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

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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:** Dandan Yao **Date:** 04/08/2022

### Quality Department

*For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.*