

Version 1.1

Update: 02/28/2020

## CERTIFICATE OF ANALYSIS

### Product Information

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Product Name:	dCTP (100 mM) $\geq$ 99% HPLC)
Cat. No.:	C01579-1
Lot No.:	C20152002
CAS No.:	102783-51-7
MW:	533.10
Size:	1ml
Molecular Formula:	C <sub>9</sub> H <sub>13</sub> N <sub>3</sub> Na <sub>3</sub> O <sub>13</sub> P <sub>3</sub>
Storage condition:	Store at -20°C to -70°C

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### Quality Results

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Test Items	Specifications	Results
Physical Appearance	Clear Colorless solution	Conformed
Concentration	100mM $\pm$ 3%	99mM
Purity(HPLC)	$\geq$ 99%	99.6%
$\lambda$ max	272nm $\pm$ 2nm	271nm
Absorbance Rations	A250/A2600.79-0.85	0.81
(pH7.0)	A280/A2600.93-1.03	0.98
pH(22~25°C)	7.0 $\pm$ 0.1	6.9

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### Caution

For laboratory or further manufacturing use only. Not intended 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: *Xianli Yang* Date: 02/26/2020

Quality Department

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