

Version 02

Update: 05/17/2019

CERTIFICATE OF ANALYSIS

Product Information

Product Name:	dCTP (100 mM) \geq 99% HPLC
Cat. No.:	C01579
Lot No.:	M2202016
CAS No.:	102783-51-7
MW:	533.1
Size:	1ml
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.

Quality Results

Test Items	Specifications	Results
Physical Appearance	Clear Colorless solution	Conformed
Concentration	100mM \pm 3%	Conformed
HPLC Purity	\geq 99%	Conformed
λ 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

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: 02/25/2022

Quality Department

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