

Version 1.1

Update: 02/28/2020

CERTIFICATE OF ANALYSIS

Product Information

Product Name:	dCTP (100 mM) \geq 99% HPLC
Cat. No.:	C01579-10
Lot No.:	C70072004
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°C to -70°C

Quality Results

Test Items	Specifications	Results
Physical Appearance	Clear Colorless solution	Conformed
Concentration	100mM \pm 3%	99mM
Purity(HPLC)	\geq 99%	99.6%
λ max	272nm \pm 2nm	271nm
Absorbance Rations (pH7.0)	A250/A260 0.79-0.85	0.81
pH(22~25°C)	A280/A260 0.93-1.03	0.98
	7.0 \pm 0.1	6.9

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: 04/28/2020

Quality Department

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