

Version 1.1

Update: 12/27/2019

CERTIFICATE OF ANALYSIS

Product Information

Product Name:	dGTP (100 mM) \geq 99% HPLC
Cat. No.:	C01578-1
Lot No.:	M2101005
CAS No.:	93919-41-6
MW:	573.1
Size:	1ml
Molecular Formula:	$C_{10}H_{13}N_5Na_3O_{13}P_3$
Storage condition:	Store at -20°C to -80°C

Quality Results

Test Items	Specifications	Results
Physical Appearance	Clear Colorless solution	Conformed
Concentration	100mM \pm 3%	103mM
Purity(HPLC)	\geq 99%	99.2%
λ max	253nm \pm 2nm	253nm
Absorbance Rations (pH7.0)	A250/A260 1.11-1.19	1.16
	A280/A260 0.63-0.69	0.67
pH(22~25°C)	7.0 \pm 0.1	7.0

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: *Dandan Yao* Date: 01/07/2021

Quality Department

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