

Version 1.1

Update: 12/27/2019

## CERTIFICATE OF ANALYSIS

### Product Information

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Product Name:	dUTP (100 mM) $\geq$ 99% HPLC
Cat. No.:	C01717-1
Lot No.:	M2101013
CAS No.:	102814-08-4
MW:	534.1
Size:	1ml
Molecular Formula:	$C_9H_{12}N_2Na_3O_{14}P_3$
Storage condition:	Store at -20°C to -80°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%	102mM
Purity(HPLC)	$\geq$ 99%	99.4%
$\lambda$ max	262nm $\pm$ 2nm	262nm
Absorbance Rations (pH7.0)	A250/A260 0.72-0.78	0.73
pH(22~25°C)	A280/A260 0.34-0.40	0.39
	7.0 $\pm$ 0.1	7.1

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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: *Dandan Yao*      Date: 02/02/2021

### Quality Department

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