

Version 1.1

Update: 12/27/2019

## CERTIFICATE OF ANALYSIS

### Product Information

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Product Name:	dATP (100 mM) $\geq$ 99% HPLC
Cat. No.:	C01577-1
Lot No.:	M2012002
CAS No.:	1927-31-7
MW:	557.2
Size:	1ml
Molecular Formula:	$C_{10}H_{13}N_5Na_3O_{12}P_3$
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%	99mM
Purity(HPLC)	$\geq$ 99%	99.3%
$\lambda$ max	259nm $\pm$ 2nm	259nm
Absorbance Rations (pH7.0)	A250/A260 0.75-0.81	0.78
pH(22~25°C)	A280/A260 0.13-0.18	0.14
	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: 12/14/2020

Quality Department

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