

Version 02

Update: 05/17/2021

CERTIFICATE OF ANALYSIS

Product Information

Product Name:	dATP (100 mM) \geq 99% HPLC
Cat. No.:	C01577
Lot No.:	M2201003
CAS No.:	1927-31-7
MW:	557.20
Size:	10ml
Molecular Formula:	$C_{10}H_{13}N_5Na_3O_{12}P_3$
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	259nm \pm 2nm	Conformed
Absorbance Ratios (pH7.0)	A250/A260 0.75-0.81 A280/A260 0.13-0.18	Conformed
pH(22~25 $^{\circ}C$)	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:** 01/13/2022

Quality Department

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