

Version : 04  
Update : 05/08/2023

## CERTIFICATE OF ANALYSIS

### Product Information

Product Name:	dUTP (100 mM) ≥99% HPLC
Cat. No.:	C01717
Lot No.:	M2310001
Size:	Specified on product label
CAS No.:	102814-08-4
MV:	534.0
Molecular Formula:	$C_9H_{12}N_2Na_3O_{14}P_3$
Storage condition:	This product can remain stable for 3 years if stored at -20°C. Always avoid freeze-thaw cycles or exposure to frequent temperature changes.

### Quality Control

Test Items	Specifications	Results
Physical Appearance	Clear Colorless solution	Pass
Concentration	100mM±3%	Pass
HPLC Purity	≥99%	Pass
λ max	262nm±2nm	Pass
Absorbance Ratios (pH7.0)	A250/A260 0.72-0.78 A280/A260 0.34-0.40	Pass
pH(22 ~ 25°C)	7.0±0.1	Pass

Date: 10/13/2023

Approved by: *Dandan Yao*

Quality Department

**For research use only. Not intended for human and animal therapeutic or diagnostic use.**

生产商：南京金斯瑞生物科技有限公司 江苏省南京市江宁区科学园雍熙路28号

Manufacturer: Nanjing GenScript Biotech Co., Ltd. No. 28 Yongxi Road, Jiangning District, Nanjing, Jiangsu, China