

Version : 06
Update : 02/27/2024

CERTIFICATE OF ANALYSIS

Product Information

Product Name:	dGTP (100 mM) ≥99% HPLC
Cat. No.:	C01578
Lot No.:	M2211003
CAS No.:	93919-41-6
MW:	573.1
Size:	Specified on product label
Molecular Formula:	C ₁₀ H ₁₃ N ₅ Na ₃ O ₁₃ P ₃
Expiry Date:	01-May-2025
Storage condition:	Stable 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	253nm±2nm	Pass
Absorbance Ratios(pH7.0)	A250/A260 1.11-1.19 A280/A260 0.63-0.69	Pass
pH(22~25°C)	7.0±0.1	Pass

Date: 03/07/2024

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