

Version : 05  
Update : 12/05/2023

## CERTIFICATE OF ANALYSIS

### Product Information

Product Name:	dCTP (100 mM) ≥99% HPLC
Cat. No.:	C01579
Lot No.:	M2312009
CAS No.:	102783-51-7
MW:	533.1
Size:	Specified on product label
Molecular Formula:	C <sub>9</sub> H <sub>13</sub> N <sub>3</sub> Na <sub>3</sub> O <sub>13</sub> P <sub>3</sub>
Expiry Date:	21-Jun-2026
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±5%	Pass
Purity	≥99% as analyzed by HPLC	Pass
λ max	272nm±2nm	Pass
Absorbance Rations(pH7.0)	A250/A260 0.79-0.85 A280/A260 0.93-1.03	Pass
pH(22~25°C)	7.0±0.1	Pass

Date: 12/22/2023

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

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