

Version : 05
Update : 11/09/2023

CERTIFICATE OF ANALYSIS

Product Information

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|---------------|---|
| Product Name: | dTTP (100 mM) ≥99% HPLC |
| Cat. No.: | C01580 |
| Lot No.: | M2302005 |
| CAS No.: | 18423-43-3 |
| MW: | 548.1 |
| Size: | Specified on product label |
| Formulation: | C ₁₀ H ₁₄ N ₂ Na ₃ O ₁₄ P ₃ |
| Storage: | 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} | 259nm±2nm | Pass |
| Absorbance Ratios(pH7.0) | A250/A260 0.62-0.68 A280/A260 0.69-0.79 | Pass |
| pH(22~25°C) | 7.0±0.1 | Pass |

Date: 11/21/2023

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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