

Version : 05  
Update : 11/09/2023

## CERTIFICATE OF ANALYSIS

### Product Information

Product Name:	dTTP (100 mM) ≥99% HPLC
Cat. No.:	C01580
Lot No.:	M2311005
CAS No.:	18423-43-3
MW:	548.1
Size:	Specified on product label
Formulation:	C <sub>10</sub> H <sub>14</sub> N <sub>2</sub> Na <sub>3</sub> O <sub>14</sub> P <sub>3</sub>
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 <sub>max</sub>	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.**

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