

CERTIFICATE OF ANALYSIS

Product Information


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|--------------------|---|
| Product Name: | dTTP (100 mM) \geq 99% HPLC |
| Cat. No.: | C01580 |
| Lot No.: | C70271811 |
| CAS No: | 18423-43-3 |
| MW: | 548.10 |
| Size: | 1ml |
| Molecular Formula: | $C_{10}H_{14}N_2Na_3O_{14}P_3$ |
| Storage Condition: | Store at $-20^{\circ}C$ to $-70^{\circ}C$ |

Quality Control

| Test Items | Specifications | Results |
|-------------------------------|---------------------------|-----------|
| Physical Appearance | Clear Colorless liquid | Conformed |
| Concentration | $100mM \pm 3\%$ | 102mM |
| Purity(HPLC) | $\geq 99\%$ | 99.8% |
| λ max | $267nm \pm 2nm$ | 267nm |
| Absorbance Rations (pH7.0) | A250/A260 0.65 ± 0.03 | 0.64 |
| pH(22~25 $^{\circ}C$) | A280/A260 0.74 ± 0.05 | 0.74 |
| | 7.0 ± 0.1 | 7.0 |

Caution:

For laboratory use only. Not for household use. If you have any questions about the Certificate of Analysis, please contact our customer service representative at 1-877-436-7274 (Toll-Free), or 1-732-885-9188.

Certified by: 
Product Department

Date: 11/15/2018