

CERTIFICATE OF ANALYSIS

Product Information

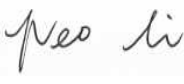
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|--------------------|---|
| Product Name: | dCTP (100 mM) \geq 99% HPLC |
| Cat. No.: | C01579 |
| Lot No.: | C51061605 |
| CAS No.: | 102783-51-7 |
| MW: | 533.10 |
| Size: | 1ml |
| Molecular Formula: | $C_9H_{13}N_3Na_3O_{13}P_3$ |
| Storage Condition: | Store at $-20^{\circ}C$ to $-70^{\circ}C$ |

Quality Control

| Test Items | Specifications | Results |
|------------------------------|--------------------------|-----------|
| Physical Appearance | Clear Colorless solution | Conformed |
| Concentration | $100mM \pm 5\%$ | 103mM |
| Purity(HPLC) | $\geq 99\%$ | 99.6% |
| λ max | $272nm \pm 2nm$ | 272nm |
| Absorbance Ratios (pH7.0) | A250/A260 0.79-0.85 | 0.80 |
| | A280/A260 0.93-1.03 | 0.96 |
| pH(22~25°C) | 7.0 ± 0.1 | 7.1 |

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: 05/11/2016