

## CERTIFICATE OF ANALYSIS

### Product Information


|                    |   |
|--------------------|---|
| Product Name:      | dGTP (100 mM) $\geq$ 99% HPLC             |
| Cat. No.:          | C01578                                    |
| Lot No.:           | C51001611                                 |
| CAS No.:           | 93919-41-6                                |
| MW:                | 573.10                                    |
| Size:              | 10ml                                      |
| Molecular Formula: | $C_{10}H_{13}N_5Na_3O_{13}P_3$            |
| Storage Condition: | Store at $-20^{\circ}C$ to $-70^{\circ}C$ |

### Quality Control

| Test Items                   | Specifications         | Results   |
|------------------------------|------------------------|-----------|
| Physical Appearance          | Clear Colorless liquid | Conformed |
| Concentration                | $100mM \pm 5\%$        | 101mM     |
| Purity(HPLC)                 | $\geq 99\%$            | 99.6%     |
| $\lambda$ max                | $253nm \pm 2nm$        | 253nm     |
| Absorbance Ratios<br>(pH7.0) | A250/A260 1.11-1.19    | 1.15      |
| pH(22~25°C)                  | A280/A260 0.63-0.69    | 0.66      |
|                              | $7.0 \pm 0.1$          | 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: 11/04/2016