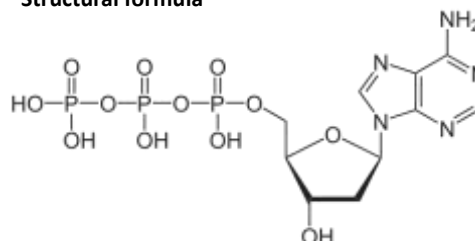


**Product Information**
**dATP Solution - Sodium Salt**

<b>CD3000</b>	100 mM	25 ml
<b>CD3001</b>	100 mM	100 ml

**Structural formula**

**Storage**

-20°C for 24 months

**Description**

Ultrapure dATP supplied as sodium salt in purified water (pH 8.5).

**Features**

- Ideal for PCR amplification and cDNA synthesis
- Nuclease and ribonuclease free

**Applications**

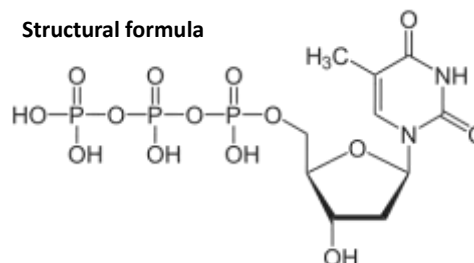
- DNA amplification
- cDNA synthesis
- A-Tailing with *Taq* Polymerase

**Quality Control**

Method	Specification	Result
Purity assay (HPLC)	≥ 99%	Pass
Nuclease activity	Not detectable	Pass
Ribonuclease activity	Not detectable	Pass
Protease activity	Not detectable	Pass
Nicking activity	Not detectable	Pass
Functional assay (PCR)	Amplify 665 bp and 20 kb amplicons	Pass
Functional assay (RT-PCR)	Synthesize cDNA	Pass

**Product Information**
**dTTP Solution - Sodium Salt**

<b>CD4000</b>	100 mM	25 ml
<b>CD4001</b>	100 mM	100 ml


**Storage**

-20°C for 24 months

**Description**

Ultrapure dTTP supplied as sodium salt in purified water (pH 8.5).

**Features**

- Ideal for PCR amplification and cDNA synthesis
- Nuclease and ribonuclease free

**Applications**

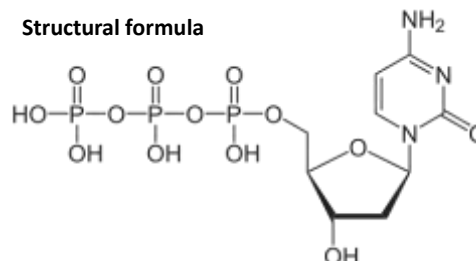
- DNA amplification
- cDNA synthesis

**Quality Control**

Method	Specification	Result
Purity assay (HPLC)	≥ 99%	Pass
Nuclease activity	Not detectable	Pass
Ribonuclease activity	Not detectable	Pass
Protease activity	Not detectable	Pass
Nicking activity	Not detectable	Pass
Functional assay (PCR)	Amplify 665 bp and 20 kb amplicons	Pass
Functional assay (RT-PCR)	Synthesize cDNA	Pass

**Product Information**
**dCTP Solution - Sodium Salt**

<b>CD5000</b>	100 mM	25 ml
<b>CD5001</b>	100 mM	100 ml


**Storage**

-20°C for 24 months

**Description**

Ultrapure dCTP supplied as sodium salt in purified water (pH 8.5).

**Features**

- Ideal for PCR amplification and cDNA synthesis
- Nuclease and ribonuclease free

**Applications**

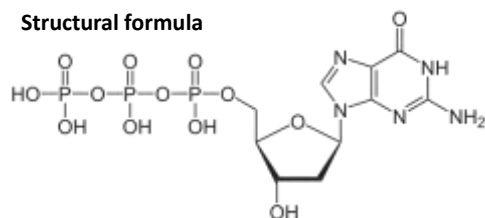
- DNA amplification
- cDNA synthesis

**Quality Control**

Method	Specification	Result
Purity assay (HPLC)	≥ 99%	Pass
Nuclease activity	Not detectable	Pass
Ribonuclease activity	Not detectable	Pass
Protease activity	Not detectable	Pass
Nicking activity	Not detectable	Pass
Functional assay (PCR)	Amplify 665 bp and 20 kb amplicons	Pass
Functional assay (RT-PCR)	Synthesize cDNA	Pass

**Product Information**
**dGTP Solution - Sodium Salt**

<b>CD6000</b>	100 mM	25 ml
<b>CD6001</b>	100 mM	100 ml


**Storage**

-20°C for 24 months

**Description**

Ultrapure dGTP supplied as sodium salt in purified water (pH 8.5).

**Features**

- Ideal for PCR amplification and cDNA synthesis
- Nuclease and ribonuclease free

**Applications**

- DNA amplification
- cDNA synthesis

**Quality Control**

Method	Specification	Result
Purity assay (HPLC)	≥ 99%	Pass
Nuclease activity	Not detectable	Pass
Ribonuclease activity	Not detectable	Pass
Protease activity	Not detectable	Pass
Nicking activity	Not detectable	Pass
Functional assay (PCR)	Amplify 665 bp and 20 kb amplicons	Pass
Functional assay (RT-PCR)	Synthesize cDNA	Pass