

Data Sheet (06.08.2010)

# GTP

## Guanosine 5'-triphosphate, sodium salt

Cat.-No.	Amount.	Conc.
mi-N1012L	1000 µl	100 µM

### Description

Ultrapure GTP supplied as clear aqueous solution (pH 8.0).

Only for *in vitro* use!

For research only!

**Cat. No.:**

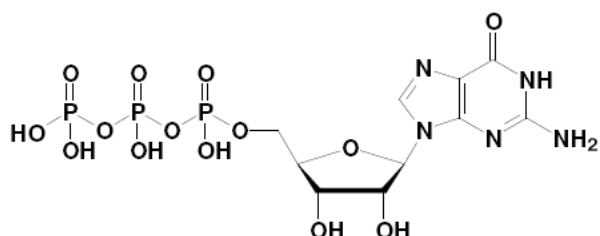
mi-N1012L

**Molecular Formula:**

C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>14</sub>P<sub>3</sub> (Anion)

**Molecular Weight:**

520.15 (Anion)



**Concentration:**

100 mM +/- 2 %

**Form:**

clear aqueous solution, pH 8.0 +/- 0.2 (4 °C)

**Purity:**

>99 %

### Absorbance

absorbance max: 252 nm (pH 7)

ε at absorbance max: 14.2 mmol<sup>-1</sup> cm<sup>-1</sup>

### Quality Control Specifications

Suitable for *in vitro* transcription

Contamination with bacterial and human DNA is not detectable

No activity of DNase, Protease or Phosphatase was detectable

### Storage conditions:

Short term exposure (up to 1 week cumulative) to ambient temperature possible.

Long term storage at -20 °C.

**Under these storage conditions, a guarantee of 12 months after delivery is given.**