

# Certificate Of Analysis

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## Product Information

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**Product Number: 27206601**

**Product Name: CTP Cytidine 5'-Triphosphate, 100 mM Solution Minimal Diphosphate, Sodium Salt**

**Pack Size: 25 µmol**

**Lot Number: 17197835**

**Expiry Date: 31 March 2022**

**Warning: For research use only. Not recommended or intended for diagnosis of disease in humans or animals. Do not use internally or externally in humans or animals.**

## Contents

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**272066 Cytidine 5' triphosphate, lot: 17197835** One tube, 100 mM solution in water (pH 7.5)

## Quality Control

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<b>Spectral Analysis</b>	<b>Observed*</b>
λ Max	271 nm
250/260	0.84
280/260	0.97
290/260	0.32

\*Measured at pH 7.0.

## Chromatographic Analysis

Triphosphate purity of 100% was determined by HPLC analysis

The triphosphate was digested with alkaline phosphatase. The digest was analyzed by HPLC and shown to be  $\geq$  99.5% cytidine.

## Test For Ribonuclease Contamination

Incubation of 500 nmol of CTP (25 mM final concentration) with an RNA ladder for 60 minutes showed no evidence of digestion as evidenced by gel electrophoresis.

## Conformance & Quality systems statement

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This is to certify that this product conforms to Cytiva specifications.

All products are manufactured via a Quality System certified to **BS EN ISO9001:2015** and tested in accordance with documented quality procedures and approved as a result of meeting the required specification

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