

# Certificate of Analysis

TRIzol® Reagent - 100 mL

Product No. 15596026CN

Lot No. 10057901

Date of Manufacture 31-Oct-2024

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## Appearance

Specification: Product appears as one uniform clear phase at both 4°C and room temp, red in color.

Result: Meets specification.

## Absorbance (260/280) of RNA

Specification: 1.7 - 2.0

Result: Meets specification.

## Bioanalyzer

Specification: Two intact ribosomal bands with 2:1 ratio of large to small ribosomal RNA.

Result: Meets specification.

## RT-PCR

Specification: Analysis shows RNA integrity is appropriate for reverse transcription and amplification of cDNA.

Result: Meets specification.

## Agarose gel electrophoresis

Specification: Shows most of the isolated DNA in close proximity to the application slots (60 - 100 kb) and 20% of DNA migrating as a band of size 20 kb.

Result: Meets specification.

## DNA Digestion

Specification: Incubation with restriction endonuclease results in digestion of more than 80% of DNA.

Result: Meets specification.

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For Research Use Only. Not for use in diagnostic procedures.

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