

# Certificate of Analysis

## TRIzol™ Reagent

Product No. 12034977, 15596018, 15754042

Lot No. 563703

Date of Manufacture 31-Oct-2024

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### Assay: Appearance

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

Result: Meets specification.

### Assay: Absorbance (260/280) of RNA

Specification: 1.7 - 2.0

Result: Meets specification.

### Assay: Bioanalyzer

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

Result: Meets specification.

### Assay: RT-PCR

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

Result: Meets specification.

### Assay: 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.

### Assay: DNA Digestion

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

Result: Meets specification.

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Issued on 10-Dec-2024