

Certificate of Analysis

Yeast tRNA

Product No. 15401029, 11518736

Lot No. 3056398

Date of Manufacture 20-Sep-2024

Endonuclease

Specification: No conversion of pUC19 DNA to Form II or Form III after incubation with 100 micrograms yeast tRNA at 37°C for six hours.

Result: Meets specification.

Exonuclease

Specification: With 1 pmol of the relevant substrate the following criteria must be obtained after a 1 hour incubation: 3' ss slope, 3'ds slope, 5' ds slope % of termini released: less than or equal to 0.3%.

Note: If the R² value of the linear regression line is <0.6, then the slope is not reliable. Therefore, the data does not indicate detectable exonuclease activity. If the R² value of the linear regression line is >0.6, then the slope is reliable and indicates the absence of exonuclease activity.

Result: Meets specification.

RNase

Specification: Acrylamide/urea gel electrophoresis reveals no observable smearing of CAT Control RNA when incubated for 1 hour at 37°C with 5 micrograms yeast tRNA as compared to CAT Control RNA incubated alone.

Result: Meets specification.

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

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