

Certificate of Analysis

Yeast tRNA

Product No. 15401011, 11508736

Lot No. 3056232

Date of Manufacture 18-Sep-2024

Endonuclease

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

Using 1 pmol of the relevant substrate the following criteria must be obtained after 1 hour incubation:
3' ss slope, 3'ds slope, 5' ds slope % of termini released: $\leq 0.3\%$.

Note: 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 specifications

RNase

Acrylamide/urea gel electrophoresis reveals no observable smearing of CAT Control RNA when incubated for 1 hour at 37°C with 5 micrograms of 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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