

# Certificate of Analysis

## Yeast tRNA

Product No. 15401011, 11508736

Lot No. 2846359

Date of Manufacture 08-Aug-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  $R^2$  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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