

# Certificate of Analysis

## Yeast tRNA

Product No. 15401011, 11508736

Lot No. 2813157

Date of Manufacture 06-Dec-2023

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### 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<sup>2</sup> 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

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