

# Certificate of Analysis

## Uracil DNA Glycosylase

Product No. 18054015, 10748653

Lot No. 3063164

Date of Manufacture 18-Oct-2024

Expiration Date 16-Apr-2027

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### Refractive Index

Specification: 1.40 - 1.41

Result: Meets Specification

### Unit

Specification:  $\geq 1$  unit/ $\mu$ l

Result: Meets Specification

### Endonuclease

Specification: Compared to the negative control, there must be  $\leq 5\%$  degradation of  $\phi$ X174 (+) strand DNA when incubated with 50 units of enzyme for 5 hours at 37°C.

Result: Meets Specification

### Exonuclease

Specification: With 1 pmol of the relevant substrate the following criteria must be obtained after a 1-hour incubation: 5' ss, 3' ds, 5' ds % released:  $\leq 0.01\%$  of termini released per unit of enzyme.

Result: Meets Specification

### RNase

Specification: No degradation of CAT Control RNA when incubated with enzyme for 5 hours at 37°C.

Result: Meets Specification

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A handwritten signature in purple ink, appearing to read 'Chevohn Joseph', with a long horizontal flourish extending to the right.

Chevohn Joseph  
Director, Quality  
Issued on 24-Oct-2024