

Certificate of Analysis

AmpErase™ Uracil N-Glycosylase (UNG)

Product No. N8080096, 10638265

Lot No. 2880784

Date of Manufacture 05-Jul-2024

Expiration Date 07-May-2026

Activity Assay

Specification: 1-2 unit/μl

Result: Meets specification.

Endonuclease (Nicking) Assay

Specification: Compared to the negative control, there must be $\leq 5\%$ degradation of ΦX174 (+) 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.

Results: Meets Specification.

RNase Assay

Specification: No degradation of control mRNA is observed when incubated with 50 units of enzyme enzyme for 5 hours.

Result: Meets specification.

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

Thermo Fisher Scientific
Life Sciences Solutions
5781 Van Allen Way
Carlsbad, CA, USA 92008
<https://www.thermofisher.com>
For inquiries, contact us at cofarequests@thermofisher.com



Chevoyn Joseph
Director, Quality
Issued on 09-Jul-2024