CERTIFICATE OF ANALYSIS

Version 3.7
revised on January 16, 2026

Endo H

PRODUCT NAME: Endo H
PRODUCT NUMBERS: E-EH02, E-EH02-200, E-EH02-20

LOT NUMBER: 1011.A
EXPIRATION DATE: June 3, 2028
ASSAY DATE: January 7, 2026

SOURCE: recombinant gene from *Streptomyces plicatus* expressed in *E. Coli*
FORMULATION: 20 mM Tris-HCl, 50 mM NaCl, 1 mM EDTA pH 7.5, filter sterilized.
STORAGE: 4°C (Do not freeze)

ACTIVITY:	Activity[1]	5 U/ml	(Specification: ≥ 5 U/ml)
	Specific Activity[2]	40 U/mg	(Specification: ≥ 40 U/mg)

CONTAMINATING ACTIVITY ASSAYS:

Protease Assay[3]	Passed	(Specification “Passed”)

1. Defined as the amount of enzyme required to catalyze the release of N-linked oligosaccharides from 1 micromole of denatured RNase B in 1 minute at 37°C, pH 7.5. Cleavage is monitored by SDS-PAGE (cleaved RNase B migrates faster).
2. Protein concentration determined by Bradford method, using BSA as a standard.
3. For the protease assay, 10 µg of denatured BSA is incubated at 37°C for 24 hr with 2 ul of enzyme. SDS-PAGE analysis of the treated BSA shows no evidence of degradation.

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