



CERTIFICATE OF ANALYSIS

Version 3.7
revised on June 4, 2020

Endo F2

PRODUCT NAME: Endo F2
PRODUCT NUMBERS: E-EF02, E-EF02-200, E-EF02-20

LOT NUMBER: 606.1A
EXPIRATION DATE: June 3, 2022
ASSAY DATE: May 20, 2020

SOURCE: recombinant gene from *Elizabethkingia miricola* expressed in *E. Coli*
FORMULATION: 10 mM sodium acetate, 25 mM NaCl pH 4.5, filter sterilized
STORAGE: 4°C (Do not freeze)

ACTIVITY: Activity¹ 5 U/ml (Specification: ≥ 5 U/ml)
Specific Activity² 24 U/mg (Specification: ≥ 20 U/mg)

CONTAMINATING ACTIVITY ASSAYS:
Protease Assay³ Passed (Specification "Passed")

1. Defined as the amount of enzyme required to catalyze the release of N-linked oligosaccharides from 1 micromole of porcine fibrinogen in 1 minute at 37°C, pH 4.5. Cleavage is monitored by SDS-PAGE.
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.

President - QA-Bio Inc
Authorized by Mike Gibson
June 4, 2020