CERTIFICATE OF ANALYSIS

Version 3.7
revised on January 16, 2026

Endo F3

PRODUCT NAME: Endo F3
PRODUCT NUMBERS: E-EF03, E-EF03-200, E-EF03-20

LOT NUMBER: 902.1A
EXPIRATION DATE: June 3, 2028
ASSAY DATE: January 7, 2026

SOURCE: recombinant gene from *Elizabethkingia miricola* expressed in *E. Coli*
FORMULATION: 20 mM Tris-HCl pH 7.5, filter sterilized.
STORAGE: 4°C (Do not freeze)

ACTIVITY:	Activity[1]	5 U/ml	(Specification: ≥ 5 U/ml)
	Specific Activity[2]	39 U/mg	(Specification: ≥ 25 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 porcine fibrininogen 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.

Michael Gibson

President - QA-Bio Inc
Authorized by Mike Gibson
January 16, 2026

QA-Bio
www.QA-Bio.com
info@QA-Bio.com

phone (Asia) +65 3158 9855
phone (Europe) +48 22 104 0892
phone (USA) +1 760 249 2664