

Certificate of Analysis

Product Name: Endonuclease VIII

Catalog Number: ENVIII-100, ENVIII-200, ENVIII-300, ENVIII-400

Concentration: 10,000 U/ml

Unit Definition: One unit is defined as the amount of enzyme required to cleave 1 pmol of a 34-mer oligonucleotide duplex containing a single AP site in a total reaction volume of 10 μ l in 1 hour at 37°C in 1X Endonuclease VIII Reaction Buffer containing 10 pmol of fluorescently labeled oligonucleotide duplex.

Expiration Date: 01/2022

Storage Temperature: -20°C

Storage Conditions: 10 mM Tris-HCl, 250 mM NaCl, 0.1 mM EDTA, 50 % Glycerol, (pH 8.0 @ 25°C)

Endonuclease VIII : Pass

Endonuclease VIII Reaction Buffer : Pass

Protein Purity Assay (SDS-PAGE)

Endonuclease VIII is \geq 95% pure as determined by SDS-PAGE analysis using Coomassie Blue detection.



8/25/2020

Quality Assurance Manager

Date