

New England Biolabs Certificate of Analysis

Product Name: *Enterokinase, light chain*
Catalog Number: *P8070S*
Concentration: *16,000 U/ml*
Unit Definition: *1 unit is defined as the amount of enzyme required to cleave 25 ug of a MBP-EK-paramyosin-ΔSal substrate to 95% completion in 16 hours at 25°C in a total reaction volume of 25 μl.*
Lot Number: *10048163*
Expiration Date: *07/2020*
Storage Temperature: *-20°C*
Storage Conditions: *20 mM Tris-HCl, 200 mM NaCl, 2 mM CaCl₂, 50 % Glycerol, (pH 7.2 @ 4°C)*
Specification Version: *PS-P8070S/L v1.0*

Enterokinase, light chain Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
P8070SVIAL	Enterokinase, light chain	10048164	Pass

Assay Name/Specification	Lot # 10048163
Protease Activity (Non-Specific, SDS-PAGE) A 20 μl reaction in 20 mM Tris-HCl, 50 mM NaCl, 2 mM CaCl ₂ (pH 8.0 @ 25°C) containing 6 μg of a standard mixture of proteins and a minimum of 16 units of Enterokinase was incubated for 16 hours at 25°C. After incubation, >90% of the protein mixture remains intact as determined by SDS-PAGE with Coomassie Blue detection.	Pass

This product has been tested and shown to be in compliance with all specifications.

Alicia Bielik

Alicia Bielik
Production Scientist
10 Jul 2019

Michael Tonello

Michael Tonello
Packaging Quality Control Inspector
03 Sep 2019