

New England Biolabs Certificate of Analysis

Product Name: Enterokinase, light chain
Catalog #: P8070S/L
Concentration: 16,000 units/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 #: 0421704
Assay Date: 04/2017
Expiration Date: 04/2018
Storage Temp: -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
Effective Date: 10 Jun 2016

Assay Name/Specification (minimum release criteria)	Lot #0421704
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



Authorized by
Derek Robinson
10 Jun 2016



Inspected by
Alicia Bielik
27 Apr 2017

