

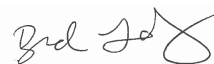
## New England Biolabs Certificate of Analysis

*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 #:* 0421803  
*Assay Date:* 03/2018  
*Expiration Date:* 3/2019  
*Storage Temp:* -20°C  
*Storage Conditions:* 20 mM Tris-HCl, 200 mM NaCl, 2 mM CaCl<sub>2</sub>, 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 #0421803
<b>Protease Activity (Non-Specific, SDS-PAGE)</b> - A 20 μl reaction in 20 mM Tris-HCl, 50 mM NaCl, 2 mM CaCl <sub>2</sub> (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.	<b>Pass</b>



Authorized by  
Derek Robinson  
10 Jun 2016



Inspected by  
Brad Landgraf  
28 Mar 2018

