

## New England Biolabs Certificate of Analysis

Product Name: *Endoproteinase LysC*  
 Catalog Number: *P8109S*  
 Lot Number: *10025983*  
 Expiration Date: *11/2019*  
 Storage Temperature: *-20°C*  
 Storage Conditions: *Supplied freeze dried from Tris-HCl buffer, pH 8*  
 Specification Version: *PS-P8109S v1.0*

Endoproteinase LysC Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
P8109SVIAL	Endoproteinase LysC	10025982	Pass

Assay Name/Specification	Lot # 10025983
<b>Functional Testing (Calcitonin Peptide Digestion)</b> A 20 µl reaction in 20 mM TrisHCl (pH 8.0 @ 25°C) containing 2 µg of human calcitonin peptide and 0.1 µg of Endoproteinase LysC incubated for 1 hour at 37°C results in the expected digestion products as determined by LC-MS analysis.	Pass
<b>Functional Testing (Cytochrome C Digestion)</b> A 20 µl reaction in 20 mM TrisHCl (pH 8.0 @ 25°C) containing 2 µg of Cytochrome C protein and 0.1 µg of Endoproteinase LysC incubated for 16 hours at 37°C results in the expected digestion products as determined by LC-MS analysis.	Pass

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



Beth Paschal  
Production Scientist  
04 Dec 2018



Michael Tonello  
Packaging Quality Control Inspector  
12 Dec 2018