

## New England Biolabs Certificate of Analysis

*Product Name:* Endoproteinase LysC  
*Catalog #:* P8109S  
*Lot #:* 0031705  
*Assay Date:* 05/2017  
*Expiration Date:* 05/2018  
*Storage Temp:* -20°C  
*Storage Conditions:* Supplied freeze dried from Tris-HCl buffer, pH 8  
*Specification Version:* PS-P8109S v1.0  
*Effective Date:* 16 Jun 2017

Assay Name/Specification (minimum release criteria)	Lot #0031705
<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.	<b>Pass</b>
<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.	<b>Pass</b>



Authorized by  
Derek Robinson  
16 Jun 2017



Inspected by  
Beth Paschal  
19 Jun 2017

