

## New England Biolabs Certificate of Analysis

Product Name: *Endoproteinase LysC*  
 Catalog Number: *P8109S*  
 Packaging Lot Number: *10182823*  
 Expiration Date: *03/2024*  
 Storage Temperature: *-20°C*  
 Storage Conditions: *Supplied in dry format from Tris-HCl buffer, pH 8*  
 Specification Version: *PS-P8109S v2.0*

Endoproteinase LysC Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
P8109SVIAL	Endoproteinase LysC	10177024	Pass

Assay Name/Specification	Lot # 10182823
<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.

One or more products referenced in this document may be covered by a 3rd-party trademark. Please visit [www.neb.com/trademarks](http://www.neb.com/trademarks) for additional information.

*Beth M. Paschal*

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Beth Paschal  
Production Scientist  
03 Mar 2023

*Michael Tonello*

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Michael Tonello  
Packaging Quality Control Inspector  
06 Mar 2023