

## New England Biolabs Certificate of Analysis

Product Name: *Endoproteinase LysC*  
 Catalog Number: *P8109S*  
 Packaging Lot Number: *10089255*  
 Expiration Date: *11/2021*  
 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	10089256	Pass

Assay Name/Specification	Lot # 10089255
<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.

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07 Dec 2020



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07 Dec 2020