Product Specification

Product Name: Endoproteinase LysC
Catalog #: P8109S
Shelf Life: 12 months
Storage Temp: -20°C
Storage Conditions: Supplied in dry format from Tris-HCl buffer, pH 8
Specification Version: PS-P8109S v2.0
Effective Date: 01 Nov 2021

Assay Name/Specification (minimum release criteria)

- **Functional Testing (Calcitonin Peptide Digestion)** - 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.

- **Functional Testing (Cytochrome C Digestion)** - 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.

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

Derek Robinson
Director, Quality Control

Date 01 Nov 2021