

New England Biolabs Certificate of Analysis

Product Name: Trypsin-ultra[™], Mass Spectrometry Grade
Catalog #: P8101S
Lot #: 0071705
Assay Date: 05/2017
Expiration Date: 05/2018
Storage Temp: -20°C
Storage Conditions: Supplied freeze-dried from a sodium acetate and calcium chloride buffer.
Specification Version: PS-P8101S v1.0
Effective Date: 19 Dec 2016

Assay Name/Specification (minimum release criteria)	Lot #0071705
Functional Testing (Calcitonin Peptide Digestion) - A 20 µl reaction in Trypsin-ultra [™] , Mass Spectrometry Grade Reaction Buffer containing 2 µg of human calcitonin peptide and 0.1 µg of Trypsin incubated for 16 hours at 37°C results in the expected digestion products as determined by LC-MS analysis.	Pass
Functional Testing (Cytochrome C Digestion) - A 20 µl reaction in Trypsin-ultra [™] , Mass Spectrometry Grade reaction buffer containing 2 µg of Cytochrome C and 0.1 µg of Trypsin incubated for 16 hours at 37°C results in the expected digestion products as determined by LC-MS analysis.	Pass
Specific Activity (Fluorometric) - The specific activity of Trypsin-ultra [™] , Mass Spectrometry Grade is between 1.8 µmol min ⁻¹ mg ⁻¹ and 3 µmol min ⁻¹ mg ⁻¹ .	Pass



Authorized by
Derek Robinson
19 Dec 2016



Inspected by
Beth Paschal
18 May 2017

