

# CERTIFICATE OF ANALYSIS

<b>Endoproteinase Glu-C (V8 proteinase)</b>	<b>Cat.No. :</b>	<b>20986</b>
MS approved from Staphylococcus aureus lyophil. E.C. 3.4.21.19	<b>Contr.No.:</b>	<b>150347</b>

Parameter	Method	Specification	Result
<b>Appearance</b>		white lyophilisate	corresponds

### Procedure

A sample of 1.0 µg myoglobin was enzymatically digested in solution overnight with Endoproteinase Glu-C using an ammonium bicarbonate buffer system. Then, the digest was spotted onto a MALDI target, followed by CHCA matrix. The following sequences were identified as a result of MS analysis by AB SCIEX 4800 MALDI-TOF/TOF mass spectrometer and database searched by ProteinPilot software.

**Protein Score** 1260

**Sequence Coverage (%)** 100

Sequence	MS	Mass Calculated	
M.GLSDGEWQQVLNVWGKVE.A		2043.0	2043.9
E.WQQVLNVWGKVE.A		1484.8	1485.7
E.ADIAGHGQEV LIRLFTGHPE.T		2159.1	2160.0
E.VLIRLFTGHPE.T		1280.7	1281.7
E.VLIRLFTGHPETLE.K		1623.9	1624.9
E.TLEKFDKFKHLKTE.A		1763.0	1763.9
E.KFDKFKHLKTE.A		1419.8	1420.8
E.KFDKFKHLKTEAE.M		1619.9	1620.8
E.MKASEDLKKHGT VVLTALGGILKKKGHHE.A		3124.8	3125.6
E.DLKKHGT VVLTALGGILKKKGHHEAE.L		2778.6	2779.5
E.AELKPLAQSHATKHKIPIKYLE.F		2514.4	2515.3
E.FISDAIIHVLHSHKHPGDFGADAQGAMTKALE.L		3275.6	3276.4
E.LFRNDIAAKYKE.L		1466.8	1467.8
E.LFRNDIAAKYKELGFQG.-		1969.0	1970.0

**Minimum shelf life** 27.03.2018

**Storage (°C)** -15 to -25

We do not guarantee that the product can be used for a special application.  
This document does not release you from performing the standard control upon receipt of incoming goods.

**SERVA Electrophoresis GmbH**  
**Quality Control**

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Dipl.-Ing. (FH) Bernhard Göckel

Patricia Milford

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