

# CERTIFICATE OF ANALYSIS

<b>Endoproteinase Glu-C (V8 proteinase)</b>	<b>Cat.No. :</b> 20986
MS approved from Staphylococcus aureus lyophil.	<b>Contr.No.:</b> 111239
E.C. 3.4.21.19	

Parameter	Method	Specification	Result
<b>Appearance</b>		white lyophilisate	corresponds
<b>Procedure</b>			
A sample of 1.0 µg myoglobin was enzymatically digested in solution overnight with Glu-C using an ammonium bicarbonate buffer system. Then, the digest was processed using a C <sub>18</sub> Lith Tip. The following sequences were identified as a result of MS analysis.			
<b>Protein Score</b>			196
<b>Sequence Coverage (%)</b>			94
<b>Sequence</b>	MS	Mass Calculated	
M.GLSDGEWQQVLNVWGKVE.A		2044.2	2043.9
E.ADIAGHGQEV LIRLFTGHPE.T		2160.4	2160.0
E.VLIRLFTGHPE.T		1281.5	1281.7
E.VLIRLFTGHPETLE.K		1624.9	1624.8
E.TLEKFDKFKHLKTE.A		1764.0	1763.9
E.KFDKFKHLKTE.A		1420.6	1420.7
E.KFDKFKHLKTEAE.M		1620.8	1620.8
E.DLKKHGTVVLTALGGILKKKGHHE.A		2580.0	2579.3
E.LKPLAQSHATKHKIPIKYLE.F		2315.7	2315.2
E.FISDAIIHVLHSHKHPGDFGADAQGAMTKALE.L		3277.7	3276.4
E.LFRNDIAAKYKE.L		1467.6	1467.7
E.LFRNDIAAKYKELGFQG.-		1970.2	1969.9
<b>Minimum shelf life</b>			07/ 2014
<b>Storage (°C)</b>			-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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