

**CERTIFICATE OF ANALYSIS**

<b>Pepsin porcine</b> E.C. 3.4.23.1. 2x cryst. lyophil.	<b>Cat.No. : 31820</b> <b>Contr.No.: 111421</b>
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Parameter	Method	Specification	Result
<b>Molecular weight</b>		ca. 36 000	
<b>Appearance</b>		white lyophilisate	corresponds
<b>Solubility</b>	1 mg/ml 0.01 N HCl	clear and colorless	corresponds
<b>Activity (milliAnson-U/mg)</b>	Pepsin by Anson	ca. 15	14.6
<b>Activity (PU/mg)</b>	„Pepsin Unit“ according to Anson	ca. 0.015	0.0146
<b>Minimum shelf life</b>			12/ 2012
<b>Storage (°C)</b>			-15 to -25

**Unit definition**

1 milliAnson-Unit is equivalent to 1µmol of Folin-positive amino acids calculated as tyrosine, released from denaturated hemoglobin per minute at 37 °C, pH 2.0.

<b>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.</b>
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**SERVA Electrophoresis GmbH**  
**Quality Control****Printing date: 03.07.2012**

Dipl.-Ing. (FH) Bernhard Göckel

Daniela Lux-Helmstetter

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