## CERTIFICATE OF ANALYSIS



<b>Pepsin porcine</b> E.C. 3.4.23.1. 2x cryst. lyophil.		Cat.No. : 31820 Contr.No.: 141207	
Parameter	Method	Specification	Result
Molecular weight		ca. 36 000	
Appearance		white lyophilisate	corresponds
Solubility	1 mg/ml 0.01 N HCl	clear and colorless	corresponds
		3	
Activity (milliAnson-U/mg)	Pepsin by Anson	ca. 15	15.2
Activity (U/E <sub>280</sub> )		> 2500	2830
Activity (PU/mg)	"Pepsin Unit" according to Anson	ca. 0.015	0.0152
			00.10.001.0
Minimum shelf life			02.12.2016
Storage (°C)			-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.

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

**Printing date**: 11.11.2015

Dipl.-Ing. (FH) Bernhard Göckel

Daniela Lux-Helmstetter

This report has been computer generated and does not contain a signature.

SERVA Electrophoresis GmbH • D-69115 Heidelberg • Carl-Benz-Str. 7 • Tel.: +49 6221 138 40-0 • Fax +49 6221 138 40-10 Geschäftsführer: Dr. Barbara Müller, Dr. Manfred Kurfürst • HRB 336136 AG Mannheim • E-Mail: info.serva.de • http://www.serva.de COMMERZBANK BLZ: 672 400 39 Kto: 190 38 30 00 • IBAN: DE90 6724 0039 0190 3830 00 • BIC: COBADEFFXXX • Ust.ID-Nr.: DE 812 517 285