

# CERTIFICATE OF ANALYSIS

<b>Trypsin NB Premium Grade, MS approved</b> from porcine pancreas		Cat. No. : Lot. No. :	37284 130921
Parameter	Method	Specification	Result
Sequence specificity	Digest of Insulin B chain (ox.) HPLC analysis	Must comply	Complies
Application (MS) approval	In-gel digestion of BSA and Mass spectrometric analysis	Must comply	Complies
For customer informa	ation:	SS	
Origin	Porcine pancreas		
Molecular weight	24 kDa (trypsin)		
Appearance	White to off-white powder		
Purity (HPLC)	> 90%		
Tryptic activity	> 6.000 U/g lyophilisate		
Minimum shelf life	02/ 2015		
Storage conditions	-15 to -25 °C		

### Sequence specificity assay:

Detection of two distinct peaks in Reversed Phase HPLC after digestion of oxidized B-chain of insulin at 37 °C for 18 h.

### Application (MS) approval:

In-gel digest and identification of BSA.

### Unit definition:

### **Tryptic activity:**

1 Unit catalyzes the hydrolysis of 1  $\mu$ mol N $\alpha$ -Benzoyl-L-arginine -4-nitroanilide hydrochloride (BAPNA) per minute at 30 °C, pH 8.0.

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**: 14.08.2013

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