

# CERTIFICATE OF ANALYSIS

<b>Trypsin NB Sequencing Grade, modified</b> from porcine pancreas		Cat. No. : Lot. No. :	37283 170118
Parameter	Method	Specification	Result
Sequence specificity	Digest of Insulin B chain (ox.) HPLC analysis	Must comply	Complies
For customer inform	nation:	GMbH	
Origin	Porcine pancreas	CSC.	
Molecular weight	24 kDa (trypsin)	.5	
Appearance	White to off-white powd	er	
Purity (HPLC)	> 90%	0	
Tryptic activity	> 6.000 U/g lyophilisate		
Minimum shelf life	29.09.2018		
Storage conditions	-15 to -25 °C		

#### Specificity assay:

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

## Unit definition:

## **Tryptic activity:**

1 Unit catalyzes the hydrolysis of 1 mmol Na-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

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## Dipl.-Ing. (FH) Bernhard Göckel

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