

# CERTIFICATE OF ANALYSIS

<b>Trypsin Sequencing Grade, modified</b>	<b>Cat. No. :</b>	<b>37283</b>
<b>from porcine pancreas</b>	<b>Lot. No. :</b>	<b>211412</b>

Parameter	Method	Specification	Result
Sequence specificity	Digest of Insulin B chain (ox.) HPLC analysis	Must comply	Complies

## For customer information:

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	13.12.2024
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 µmol 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:** 22.12.2022

Dr. Judith Koch

Daniela Lux-Helmstetter

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