

# CERTIFICATE OF ANALYSIS

<b>Trypsin Sequencing Grade, modified</b> from porcine pancreas	<b>Cat. No. :</b> 37283 <b>Lot. No. :</b> 250061
--------------------------------------------------------------------	-----------------------------------------------------

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

### For customer information:

<b>Origin</b>	Porcine pancreas
<b>Molecular weight</b>	24 kDa (trypsin)
<b>Appearance</b>	White to off-white powder
<b>Purity (HPLC)</b>	> 90%
<b>Tryptic activity</b>	> 6.000 U/g lyophilisate
<b>Minimum shelf life</b>	11.02.2027
<b>Storage conditions</b>	-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.

<p><b>We do not guarantee that the product can be used for a special application.</b>  <b>This document does not release you from performing the standard control upon receipt of incoming goods.</b></p>
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

**SERVA Electrophoresis GmbH**  
**Quality Control**

**Printing date:** 12.03.2025

Dr. Judith Koch

Daniela Lux-Helmstetter

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