

CERTIFICATE OF ANALYSIS

| | | |
|---|--|-------------------------------|
| Trypsin MS approved from porcine pancreas | Cat. No. : Lot. No. : | 37286 230827 |
|---|--|-------------------------------|

| 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 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 | 20.07.2025 |
| 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 µmol N α -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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Dr. Judith Koch

Daniela Lux-Helmstetter

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