CERTIFICATE OF ANALYSIS



| Trypsin MS approved from porcine pancreas | | Cat. No. : Lot. No. : | 37286 160556 |
|---|--|--------------------------|-----------------|
| 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 inform | nation: | GUUE | |
| Origin | Porcine pancreas | ŚŚ | |
| Molecular weight | Porcine pancreas 24 kDa (trypsin) | | |
| Appearance | White to off-white powder | | |
| Purity (HPLC) | > 90% | | |
| Tryptic activity | > 6.000 U/g lyophilisate | | |
| Minimum shelf life | 11.12.2018 | | |
| 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 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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This report has been computer generated and does not contain a signature.

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