

CERTIFICATE OF ANALYSIS

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| Trypsin Sequencing Grade, modified from porcine pancreas | Cat. No. : 37283 Lot. No. : 200915 |
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| Parameter | Method | Specification | Result |
|-----------------------------|--|---------------|----------|
| Sequence specificity | Digest of Insulin B chain (ox.) HPLC analysis | Must comply | Complies |

For customer information:

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|---------------------------|---------------------------|
| 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 | 04.02.2023 |
| 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 α -Benzoyl-L-arginine -4-nitroanilide hydrochloride (BAPNA) per minute at 30 °C, pH 8.0.

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Qualitätskontrolle/ Quality Control

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