

CERTIFICATE OF ANALYSIS

Trypsin NB Sequencing Grade, modified from porcine pancreas	Cat. No. : 37283 Lot. No. : 180064
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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	09.01.2021
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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