

CERTIFICATE OF ANALYSIS

Trypsin Sequencing Grade, modified	Cat. No. :	37283
from porcine pancreas	Lot. No. :	190203

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	26.02.2021
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.

Die Eignung des Produktes für spezielle Anwendungszwecke wird nicht zugesichert.

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SERVA Electrophoresis GmbH
Qualitätskontrolle/ Quality Control

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