

CERTIFICATE OF ANALYSIS

Trypsin NB Premium Grade, MS approved from porcine pancreas	Cat. No. :	37284
	Lot. No. :	131396

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	02/ 2015
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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Patricia Milford

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