SERVA Electrophoresis

CERTIFICATE OF ANALYSIS

Trypsin 1:250 from bovine pancreas	**Cat.No.** :	**37289**
lyophil.	**Contr.No.** :	**120058**

Parameter	Method	Specification	Result
Appearance		white lyophilisate	corresponds
Activities:			
Trypsin (U/mg)	Bergmeyer		3.8
Trypsin (NF/USP U/mg)	USP	≥ 250	390
Chymotrypsin (U/mg)			0.005
Chymotrypsin (NF/USP U/mg)	USP	≤ 75	67.5
Proteinase	DMC U/mg determined with TNBS		0.3
Microbiological analysis	Total viable count	≤ 10 000 cfu/g	corresponds
	Pseudomonas aeruginosa	negative	corresponds
	Salmonella species	negative	corresponds
	Staphylococcus aureus	negative	corresponds
	E.coli	negative	corresponds
Application		suitable for cell culture	
Minimum shelf life			01/ 2015
Storage (°C)			-15 bis/ to -25

Unit definitions

Trypsin
1 U catalyzes the hydrolysis of 1 µmol N-α-benzoyl-L-arginine ethyl ester (BAEE) per minute at 25°C, pH 8.0.

Proteinase
1 DMC-U catalyzes the hydrolysis of 1 µmol dimethylcasein per minute at 25°C, pH 7.0.
The liberated amino groups are determinated with 2,4,6 trinitrobenzene sulfonic acid.

Chymotrypsin
1 U catalyzes the hydrolysis of 1 µmol glutaryl-L-Phe-4-nitroanilide per minute at 25°C, pH 7.6.

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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