

CERTIFICATE OF ANALYSIS

Trypsin 1:250 from bovine pancreas	Cat.No. :	37289
lyophil.	Contr.No. :	120364

Parameter	Method	Specification	Result
Appearance		white lyophilisate	corresponds
Activities:			
Trypsin (U/mg)	Bergmeyer		3.6
Trypsin (NF/USP U/mg)	USP	≥ 250	395
Chymotrypsin (U/mg)			0.004
Chymotrypsin (NF/USP U/mg)	USP	≤ 75	66
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			02/ 2014
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 determined 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.

<p>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.</p>
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SERVA Electrophoresis GmbH
Quality Control

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