

CERTIFICATE OF ANALYSIS

| | | |
|---|--------------------|---------------|
| Trypsin 1:250 from bovine pancreas | Cat.No. : | 37289 |
| lyophil. | Contr.No. : | 130892 |

| Parameter | Method | Specification | Result |
|-----------------------------------|------------------------|---------------------------|-----------------|
| Appearance | | white lyophilisate | corresponds |
| Activities: | | | |
| Trypsin (U/mg) | Bergmeyer | | 2.5 |
| Trypsin (NF/USP U/mg) | USP | ≥ 250 | 335.1 |
| Chymotrypsin (U/mg) | | | 0.002 |
| Chymotrypsin (NF/USP U/mg) | USP | ≤ 75 | 51.5 |
| 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 | | | 07/ 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 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.

**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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