

# CERTIFICATE OF ANALYSIS

|   |                          |
|---|--------------------------|
| <b>Thrombin from bovine plasma</b>                | <b>Cat. No. : 36402</b>  |
| min. 1000 units/mg protein lyophil. E.C. 3.4.21.5 | <b>Lot. No. : 170086</b> |

| Parameter                                      | Method   | Specification      | Result      |
|--|----------|--------------------|-------------|
| <b>Molecular weight</b>                        |          | ca. 37 000         |             |
| <b>Appearance</b>                              |          | white lyophilisate | corresponds |
| <b>Specific Activity</b><br>(NIH U/mg protein) | Thrombin | min. 1000          | 2659        |
| <b>Activity</b><br>(U/mg solid)                | Thrombin |                    | 264.4       |
| <b>Minimum shelf life</b>                      |          |                    | 24.01.2020  |
| <b>Storage (°C)</b>                            |          |                    | +2 to +8    |

## Unit definition:

One NIH unit clots a standard fibrinogen solution in 15 sec. at 37°C.

This material is derived from animals born and sourced from the United States. The animals are from a natural beef program in accordance to FDA Regulation 21 CFR 589.2000, which prohibits the use of animal proteins in ruminant feed.

The animals, both pre- and post-mortem, were apparently free from infectious and contagious diseases. Therefore to the best of our knowledge and belief, we can state that BSE/TSE should not be a concern.

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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Dipl.-Ing. (FH) Bernhard Göckel

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