

## 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. : 200252</b> |

| Parameter                                       | Method   | Specification      | Result      |
|---|----------|--------------------|-------------|
| <b>Molecular weight</b>                         |          | ca. 37 000         |             |
| <b>Appearance</b>                               |          | white lyophilisate | corresponds |
| <b>Specific Activity<br/>(NIH U/mg protein)</b> | Thrombin | min. 1000          | 2725        |
| <b>Activity<br/>(U/mg solid)</b>                | Thrombin |                    | 269.79      |
| <b>Minimum shelf life</b>                       |          |                    | 10.03.2023  |
| <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.

**Die Eignung des Produktes für spezielle Anwendungszwecke wird nicht zugesichert.  
Dieses Dokument entbindet nicht von einer branchenüblichen Eingangskontrolle.**  
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**  
**Qualitätskontrolle/ Quality Control**

**Druckdatum/ printing date: 24.03.2020**

Christian Monsler

Patricia Milford

**Dieses Dokument ist ein Computerausdruck und deshalb ohne Unterschrift gültig.**

This report has been computer generated and does not contain a signature.